



## 鑫潮气动

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Our company reserves the right to change the exterior and specifications  
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ISO9001:2000



奉化市鑫潮自动化元件有限公司  
FENGHUA XINCHAO AUTOMATIZATION COMPONENT CO.,LTD.



# 企 业 简 介

## Company Profile

奉化市鑫潮自动化元件有限公司创建于1991年，是一家十多年历史的民营企业，专业生产各类气缸、气源处理件、电磁阀、接头等产品，共100多个品种近千余种规格，公司具有完善的检测设施，先进的加工设备和雄厚的技术力量。公司通过了ISO9001:2000国际质量体系认证，在生产、质量、物资等方面管理规范，严格按照国际质量体系的规定和程序进行操作。公司的产品品种齐全、质量可靠，畅销全国20个省、市、自治区并远销世界各地，本公司还被大型印染机械公司指定为定点配套加工企业。

本公司坐落于国家级风景区——宁波溪口镇。交通便捷，环境优美，气候宜人。

本公司诚心同各行业的用户或客商进行广泛的技术、业务交流与合作，热忱欢迎国内外人士前来洽谈业务。

**总经理： 周位刚**

Fenghua Xinchao Automatization Component Co., Ltd. Established in 1991, specializes in making all kinds of cylinders, air source treatment units, solenoid valves, pneumatic fittings, with a history of more than 15 years. Convenient traffic and a good location provides an opportunity of development for our company.

Our products reach up to more than 1,000 varieties. Besides, we have high quality materials, excellent testing device, advanced machines, experienced technicians and a good management team to support the production. Consequently, our products have passed the evaluation of ISO9001:2000 certification.

We are strict in implementing the full course of manufacturing in accordance with its rules and procedures. Our products are comprehensive, quality reliable which are well sold in more than twenty provinces (metropolises and autonomous regions). They are also exported to all over the world. Besides, we are also designated as a supplier for some big printing and dyeing machinery companies.

Our company enjoys good reputation among customers all over the world. Our goods are popular for their elegant appearance, supreme quality and reasonable price. We sincerely welcome all friends both at home and abroad to contact us and exchange our mutual ideas about technology, business and cooperation.

**General manager: Weigang Zhou**



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|   |       |
|---|-------|
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|--|---------|
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|                               |         |
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SC系列标准气缸  
SC Series Standard Cylinder

## 订购码 Ordering Code

SC

型号

SC: 标准复制型(拉杆式)  
SCD: 双轴复动型(拉杆式)  
SCJ: 双轴复动型可调型(拉杆式)  
SU: 标准复制型(无拉杆式)

Type

SC: Standard double acting(Cylinder)  
SCD: Double-shaft double action(Cylinder)  
SCJ: Double axis double acting adjustable type(Cylinder)  
SU: Standard double acting(Cylinder)

50

缸径  
Cylinder  
Bore

X

50

行程  
Stroke

磁石代号

S: 附磁石  
空白: 不附磁石  
Magnet Code  
S: with magnet  
Blank: without magnet

Magnet Code

S: with magnet  
Blank: without magnet

LB

固定型式

空白: 基本型  
LB: 前后固定型  
FA: 前盖固定型(前法兰)  
FB: 后盖固定型(后法兰)  
CA: 后盖固定型(单耳环)  
CB: 后盖固定型(双耳环)  
TC: 中间摇摆式  
TC-M: 摇摆式附脚座

FA: 前盖固定型(前法兰)

FB: 后盖固定型(后法兰)

CA: 后盖固定型(单耳环)

CB: 后盖固定型(双耳环)

TC: 中间摇摆式

TC-M: 摇摆式附脚座

Fixed Type

Blank: basic type  
LB: front and back fixed type  
FA: front cover fixed type (Front flange type)  
FB: back cover fixed type (Rear flange type)  
CA: back cover fixed type (Single Earring)  
CB: back cover fixed type (double Earring)  
TC: swinging type  
TC-M: swinging type attaching foot seat

FA: front cover fixed type (Front flange type)

FB: back cover fixed type (Rear flange type)

CA: back cover fixed type (Single Earring)

CB: back cover fixed type (double Earring)

TC: swinging type

TC-M: swinging type attaching foot seat

## 规格 Specification

|                                       |                            |          |          |          |          |          |          |            |       |
|---------------------------------------|----------------------------|----------|----------|----------|----------|----------|----------|------------|-------|
| 内径<br>Bore (mm)                       | 32                         | 40       | 50       | 63       | 80       | 100      | 125      | 160        | 200   |
| 动作形式<br>Motion Pattern                | 复动型 Double Action          |          |          |          |          |          |          |            |       |
| 工作介质<br>Working Medium                | 空气 Air                     |          |          |          |          |          |          |            |       |
| * 固定型式<br>Fixed Type                  | 基本型 Basic type             | FA型 type | FB型 type | CA型 type | CB型 type | LB型 type | TC型 type | TC-M型 type |       |
| 使用压力范围<br>Operating Voltage Range     | 1.0~9.0 Kg/cm <sup>2</sup> |          |          |          |          |          |          |            |       |
| 保证耐压力<br>Ensured Pressure Resistance  | 13.5 Kg/cm <sup>2</sup>    |          |          |          |          |          |          |            |       |
| 使用温度范围<br>Operating Temperature Range | -5~70℃                     |          |          |          |          |          |          |            |       |
| 使用速度范围<br>Operating Speed Range       | 30~800 mm/s                |          |          |          |          |          |          |            |       |
| 缓冲型式<br>Buffer Type                   | 可调缓冲 Adjustable Buffer     |          |          |          |          |          |          |            |       |
| 缓冲行程<br>Buffer Stroke                 | 24                         |          |          |          | 32       |          |          |            |       |
| 接管口径<br>Joint Pipe Bore               | PT1/8                      | PT1/4    |          | PT3/8    |          | PT1/2    |          | PT3/4      | PT1/2 |

\*SCD,SCJ的固定型式为: FA, FB, LB, TC和TC-M型。\*SCD,SCJ Fixed Type : FA,FB,LB,TC&amp;TC-M Type.



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## SC系列标准气缸 SC Series Standard Cylinder

### 气缸理论出力表 Cylinder theory output Sheet

| 气缸内径<br>Cylinder Inside<br>Diameter                    |   | 32                     |                 | 40                     |                 | 50                     |                 | 63                     |                 | 80                     |                 | 100                    |                 | 125                    |                 | 160                    |                 | 200                    |                 |
|--|---|------------------------|-----------------|------------------------|-----------------|------------------------|-----------------|------------------------|-----------------|------------------------|-----------------|------------------------|-----------------|------------------------|-----------------|------------------------|-----------------|------------------------|-----------------|
| 活塞杆外径<br>External Diameter of Piston Rod               |   | 12                     |                 | 16                     |                 | 20                     |                 | 20                     |                 | 25                     |                 | 25                     |                 | 32                     |                 | 40                     |                 | 45                     |                 |
| 动作型式<br>Motion Pattern                                 |   | 复动型<br>Double Action   |                 | 复动型<br>Double Action   |                 | 复动型<br>Double Action   |                 | 复动型<br>Double Action   |                 | 复动型<br>Double Action   |                 | 复动型<br>Double Action   |                 | 复动型<br>Double Action   |                 | 复动型<br>Double Action   |                 | 复动型<br>Double Action   |                 |
|  |   | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side | 压侧<br>Pressure<br>Side | 拉侧<br>Pull Side |
| 受压面积 (cm <sup>2</sup> )<br>Compression Area            |   | 8.04                   | 6.90            | 12.56                  | 10.55           | 19.63                  | 16.49           | 31.17                  | 28.03           | 50.26                  | 45.36           | 78.53                  | 71.47           | 122.72                 | 114.68          | 201.06                 | 188.49          | 314.16                 | 301.57          |
| 空气压力<br><br>Air Pressure<br><br>(Kgf/cm <sup>2</sup> ) | 1 | 8.04                   | 6.90            | 12.56                  | 10.55           | 19.63                  | 16.49           | 31.17                  | 28.03           | 50.26                  | 45.36           | 78.53                  | 71.47           | 122.72                 | 144.68          | 201.06                 | 188.49          | 314.16                 | 301.57          |
|  | 2 | 16.08                  | 13.80           | 25.12                  | 21.10           | 39.26                  | 32.98           | 62.34                  | 56.06           | 100.52                 | 90.72           | 157.06                 | 142.94          | 245.44                 | 229.36          | 402.12                 | 376.98          | 628.32                 | 603.14          |
|  | 3 | 24.12                  | 20.70           | 37.68                  | 31.65           | 58.89                  | 49.47           | 93.51                  | 84.09           | 150.78                 | 136.08          | 235.59                 | 214.41          | 368.16                 | 344.04          | 603.18                 | 565.47          | 942.48                 | 904.71          |
|  | 4 | 32.16                  | 27.60           | 50.24                  | 42.20           | 78.52                  | 65.96           | 124.68                 | 112.12          | 201.04                 | 181.44          | 314.12                 | 285.88          | 490.88                 | 458.72          | 804.24                 | 753.96          | 1256.64                | 1206.28         |
|  | 5 | 40.20                  | 34.50           | 62.80                  | 52.75           | 98.15                  | 82.45           | 155.85                 | 140.15          | 251.30                 | 226.80          | 392.65                 | 357.35          | 613.60                 | 573.04          | 1005.30                | 942.45          | 1570.80                | 1507.85         |
|  | 6 | 48.24                  | 41.40           | 75.36                  | 63.30           | 117.78                 | 98.94           | 187.02                 | 168.18          | 301.56                 | 272.16          | 471.18                 | 428.82          | 736.32                 | 688.08          | 1206.36                | 1130.94         | 1884.96                | 1809.42         |
|  | 7 | 56.28                  | 48.30           | 87.92                  | 73.85           | 137.41                 | 115.43          | 218.19                 | 196.21          | 351.82                 | 317.52          | 549.71                 | 500.29          | 859.04                 | 802.76          | 1407.42                | 1319.43         | 2199.12                | 2110.99         |
|  | 8 | 64.32                  | 55.20           | 100.48                 | 84.40           | 157.04                 | 131.92          | 249.36                 | 224.24          | 402.08                 | 362.88          | 628.24                 | 571.76          | 981.76                 | 914.44          | 1608.48                | 1507.92         | 2513.28                | 2412.56         |
|  | 9 | 72.36                  | 62.10           | 113.04                 | 94.95           | 176.67                 | 148.41          | 280.53                 | 252.27          | 452.34                 | 408.24          | 706.77                 | 643.23          | 1104.48                | 1032.12         | 1809.54                | 1696.41         | 2827.44                | 2714.13         |

### 行程 Stroke

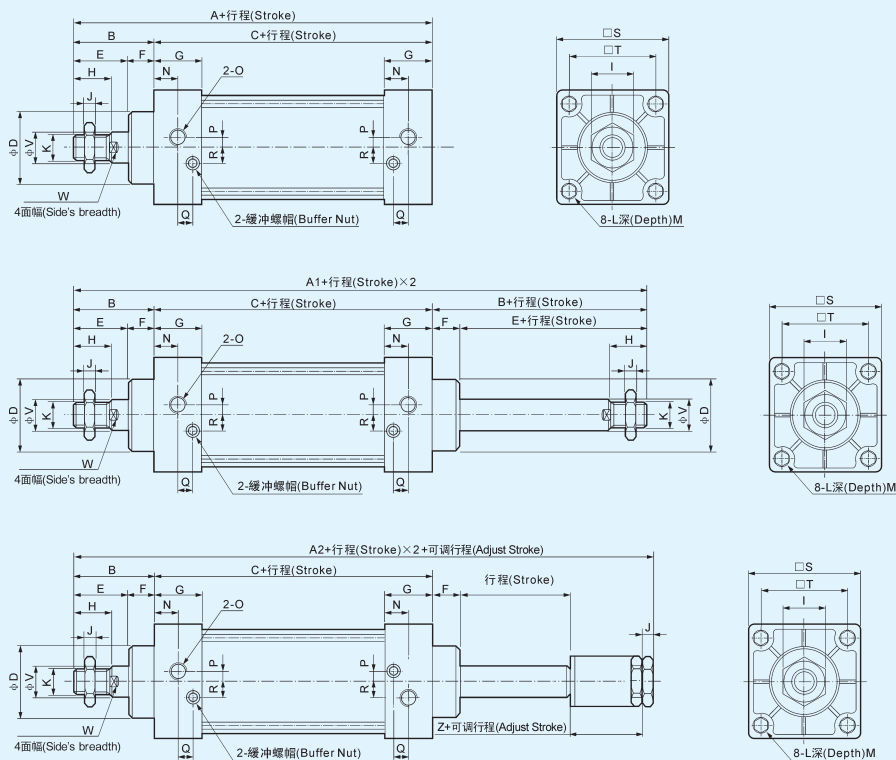
| 内 径<br>Bore(mm) | 标 准 行 程   Standard Stroke |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 最大行程<br>Max. Stroke | 容许行程<br>Permissible Stroke |      |      |      |      |      |
|-----------------|---------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|----------------------------|------|------|------|------|------|
| 32              | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 |     |     |                     |                            |      | 1000 | 2000 |      |      |
| 40              | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800                 |                            |      |      | 1200 | 2000 |      |
| 50              | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800                 | 900                        | 1000 |      |      | 1200 | 2000 |
| 63              | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800                 | 900                        | 1000 |      |      | 1500 | 2000 |
| 80              | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800                 | 900                        | 1000 |      |      | 1500 | 2000 |
| 100             | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800                 | 900                        | 1000 |      |      | 1500 | 2000 |
| 125             | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800                 | 900                        | 1000 |      |      | 1500 | 2000 |
| 160             | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800                 | 900                        | 1000 |      |      | 1500 | 2000 |
| 200             | 25                        | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800                 | 900                        | 1000 |      |      | 1500 | 2000 |



# SC系列标准气缸 SC Series Standard Cylinder

## 外形尺寸 Overall Dimension

φ 32- φ 200



## 尺寸表 Dimension Sheet

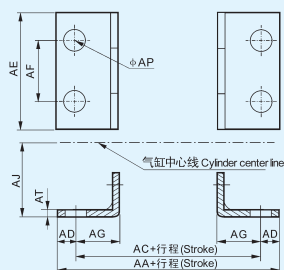
| 内 径 / 符号<br>Inside Diameter/Symbol | A    | B    | C     | D   | E   | F   | G    | H   | I  | J  | K        | L        |
|------------------------------------|------|------|-------|-----|-----|-----|------|-----|----|----|----------|----------|
| 32                                 | 140  | 47   | 93    | 28  | 32  | 15  | 27.5 | 22  | 17 | 6  | M10×1.25 | M6×1     |
| 40                                 | 142  | 49   | 93    | 32  | 34  | 15  | 27.5 | 24  | 17 | 7  | M12×1.25 | M6×1     |
| 50                                 | 150  | 57   | 93    | 38  | 42  | 15  | 27.5 | 32  | 23 | 8  | M16×1.5  | M6×1     |
| 63                                 | 153  | 57   | 96    | 38  | 42  | 15  | 27.5 | 32  | 23 | 8  | M16×1.5  | M8×1.25  |
| 80                                 | 182  | 75   | 107   | 47  | 54  | 21  | 33   | 40  | 26 | 10 | M20×1.5  | M10×1.5  |
| 100                                | 188  | 75   | 108   | 47  | 54  | 21  | 33   | 40  | 26 | 10 | M20×1.5  | M10×1.5  |
| 125                                | 226  | 104  | 136   | 56  | 71  | 32  | 33   | 54  | 36 | 9  | M27×2    | M12×1.75 |
| 160                                | 291  | 121  | 170   | 63  | 96  | 25  | 52   | 72  | 50 | 16 | M36×2    | M16×2    |
| 200                                | 272  | 137  | 148   | 75  | 117 | 20  | 45   | 72  | 50 | 16 | M36×2    | M16×2    |
| 内 径 / 符号<br>Inside Diameter/Symbol | M    | N    | O     | P   | Q   | R   | S    | T   | V  | W  | Z        |          |
| 32                                 | 9.5  | 13.7 | PT1/8 | 3.5 | 7.5 | 7   | 45   | 33  | 12 | 10 | 21       |          |
| 40                                 | 9.5  | 13.5 | PT1/4 | 6   | 8.2 | 9   | 50   | 37  | 16 | 14 | 21       |          |
| 50                                 | 9.5  | 13.5 | PT1/4 | 8.5 | 8.2 | 9   | 62   | 47  | 20 | 17 | 23       |          |
| 63                                 | 9.5  | 13.5 | PT3/8 | 7   | 8.2 | 8.5 | 75   | 56  | 20 | 17 | 23       |          |
| 80                                 | 11.5 | 16.5 | PT3/8 | 10  | 9.5 | 14  | 94   | 70  | 25 | 22 | 29       |          |
| 100                                | 11.5 | 16.5 | PT1/2 | 11  | 9.5 | 14  | 112  | 84  | 25 | 22 | 29       |          |
| 125                                | 21   | 16.5 | PT1/2 | /   | /   | /   | 140  | 110 | 32 | 28 | 33       |          |
| 160                                | 25   | 26   | PT3/4 | /   | /   | /   | 180  | 140 | 40 | 36 | 38       |          |
| 200                                | 25   | 22.5 | PT1/2 | /   | /   | /   | 220  | 175 | 45 | 42 | 42       |          |

# 标准气缸附件 Standard Cylinder Accessories



## 外形尺寸 Overall Dimension

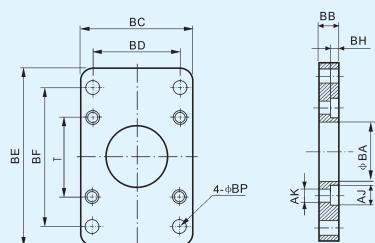
LB脚架  
Foot Rest



## 尺寸表 Dimension Sheet

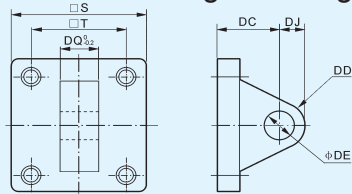
| 符号 / 缸径<br>Symbol / Bore | 32   | 40   | 50   | 63  | 80  | 100 | 125 | 160 | 200 |
|--------------------------|------|------|------|-----|-----|-----|-----|-----|-----|
| AA                       | 153  | 169  | 173  | 184 | 199 | 209 | 249 | 328 | 380 |
| AC                       | 134  | 140  | 149  | 158 | 167 | 173 | 213 | 288 | 320 |
| AD                       | 9.5  | 14.5 | 12   | 13  | 16  | 18  | 18  | 20  | 30  |
| AE                       | 50   | 57   | 68   | 80  | 97  | 112 | 140 | 180 | 220 |
| AF                       | 33   | 36   | 47   | 56  | 70  | 84  | 90  | 115 | 135 |
| AG                       | 20.5 | 23.5 | 28   | 31  | 30  | 30  | 45  | 60  | 70  |
| AJ                       | 28   | 30   | 36.5 | 41  | 49  | 57  | 90  | 115 | 135 |
| AP                       | 9    | 12   | 12   | 12  | 14  | 14  | 16  | 18  | 22  |
| AT                       | 3    | 3    | 3    | 3   | 4   | 4   | 8   | 8   | 10  |

FA、FB法兰 Flange



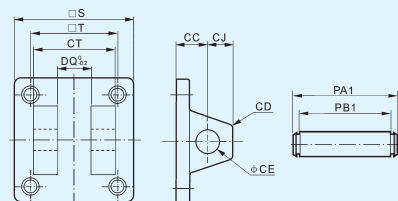
| 符号 / 缸径<br>Symbol / Bore | 32   | 40   | 50   | 63   | 80   | 100  | 125  | 160  | 200  |
|--------------------------|------|------|------|------|------|------|------|------|------|
| BA                       | 28.3 | 32.3 | 38.3 | 38.3 | 47.3 | 47.3 | 56   | 63   | 81   |
| BB                       | 10   | 10   | 10   | 12   | 16   | 16   | 20   | 25   | 25   |
| BC                       | 47   | 52   | 65   | 76   | 95   | 115  | 140  | 180  | 220  |
| BD                       | 33   | 36   | 47   | 56   | 70   | 84   | 90   | 115  | 135  |
| BE                       | 72   | 84   | 104  | 116  | 143  | 162  | 224  | 280  | 320  |
| BF                       | 58   | 70   | 86   | 98   | 119  | 138  | 180  | 230  | 270  |
| BH                       | 6.5  | 6.5  | 6.5  | 8.5  | 10.5 | 10.5 | 15   | 20   | 20   |
| AJ                       | 10.5 | 10.5 | 10.5 | 13.5 | 16.5 | 16.5 | 19   | 25   | 25   |
| AK                       | 6.5  | 6.5  | 6.5  | 8.5  | 10.5 | 10.5 | 12.5 | 16.5 | 16.5 |
| BP                       | 7    | 7    | 9    | 9    | 11   | 11   | 16   | 18   | 22   |
| T                        | 33   | 37   | 47   | 56   | 70   | 84   | 110  | 140  | 175  |

CA单耳环 Single Earring



| 符号 / 缸径<br>Symbol / Bore | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 160 | 200 |
|--------------------------|----|----|----|----|----|-----|-----|-----|-----|
| S                        | 48 | 50 | 62 | 75 | 94 | 112 | 140 | 180 | 220 |
| T                        | 33 | 37 | 47 | 56 | 70 | 84  | 110 | 140 | 175 |
| DC                       | 34 | 34 | 34 | 34 | 48 | 48  | 50  | 55  | 60  |
| DD                       | 14 | 14 | 15 | 15 | 20 | 20  | 25  | 30  | 30  |
| DE                       | 12 | 14 | 14 | 14 | 20 | 20  | 25  | 30  | 30  |
| DJ                       | 14 | 14 | 15 | 15 | 20 | 20  | 25  | 30  | 30  |
| DQ                       | 16 | 20 | 20 | 20 | 32 | 32  | 70  | 90  | 90  |

CB双耳环 Double Earring



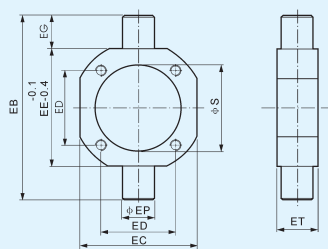
| 符号 / 缸径<br>Symbol / Bore | 32   | 40   | 50   | 63   | 80   | 100  | 125   | 160   | 200   |
|--------------------------|------|------|------|------|------|------|-------|-------|-------|
| CC                       | 19   | 19   | 19   | 19   | 32   | 32   | 50    | 55    | 60    |
| CD                       | 5    | 5    | 3    | 3    | 8    | 8    | 25    | 30    | 30    |
| CE                       | 12   | 14   | 14   | 14   | 20   | 20   | 25    | 30    | 30    |
| CJ                       | 13   | 13   | 15   | 15   | 21   | 21   | 25    | 30    | 30    |
| CP                       | 16.3 | 20.3 | 20.3 | 20.3 | 32.3 | 32.3 | 70    | 90    | 90    |
| CT                       | 32   | 44   | 52   | 52   | 64   | 64   | 120   | 160   | 160   |
| PAI                      | 41   | 51.8 | 60.3 | 60.3 | 73.8 | 73.8 | 130   | 170   | 170   |
| PBI                      | 33.5 | 45.8 | 54   | 54   | 65.5 | 65.5 | 121.5 | 161.5 | 161.5 |
| S                        | 48   | 50   | 62   | 75   | 94   | 112  | 140   | 180   | 220   |
| T                        | 33   | 37   | 47   | 56   | 70   | 84   | 110   | 140   | 175   |



# 标准气缸附件 Standard Cylinder Accessories

## 外形尺寸 Overall Dimension

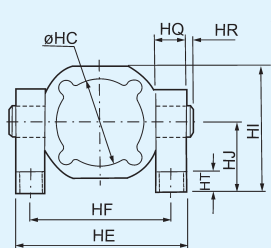
### TC中摆 Dimension



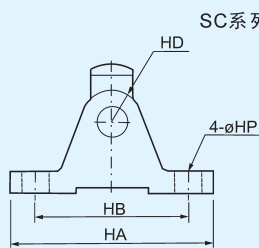
## 尺寸表 Dimension Sheet

| 符号 / 缸径<br>Symbol / Bore | 40   | 50   | 63   | 80   | 100   | 125   | 160   | 200   |
|--------------------------|------|------|------|------|-------|-------|-------|-------|
| EB                       | 113  | 126  | 138  | 164  | 182   | 210   | 264   | 336   |
| EC                       | 63   | 76   | 88   | 114  | 132   | 160   | 200   | 240   |
| ED                       | 37   | 47   | 56   | 70   | 84    | 110   | 140   | 175   |
| EE                       | 63   | 76   | 88   | 114  | 132   | 160   | 200   | 240   |
| EG                       | 25   | 25   | 25   | 25   | 25    | 25    | 32    | 48    |
| EP                       | 25   | 25   | 25   | 25   | 25    | 25    | 32    | 38    |
| ET                       | 30   | 30   | 30   | 30   | 40    | 30    | 38    | 44    |
| S                        | 45.5 | 55.5 | 68.5 | 87.5 | 107.5 | 134.5 | 172.5 | 212.5 |

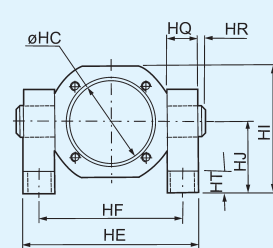
### TC-M



SU系列用

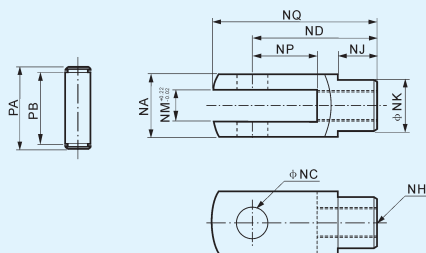


SC系列用

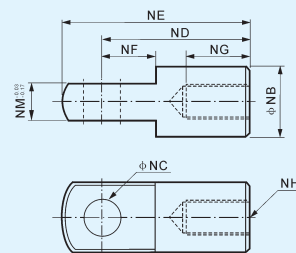


| 内径 / 符号<br>Bore / Symbol | HA  | HB | HC    | HD | HE  | HF  | HI   | HJ | HQ | HR | HT | HP |
|--------------------------|-----|----|-------|----|-----|-----|------|----|----|----|----|----|
| 40                       | 110 | 80 | 45.5  | 22 | 109 | 86  | 81.5 | 50 | 23 | 2  | 12 | 12 |
| 50                       | 110 | 80 | 55.5  | 22 | 122 | 99  | 88   | 50 | 23 | 2  | 12 | 12 |
| 63                       | 110 | 80 | 68.5  | 22 | 134 | 111 | 94   | 50 | 23 | 2  | 12 | 12 |
| 80                       | 120 | 85 | 87.5  | 22 | 160 | 137 | 127  | 70 | 23 | 2  | 14 | 14 |
| 100                      | 120 | 85 | 107.5 | 22 | 178 | 155 | 136  | 70 | 23 | 2  | 14 | 14 |

### Y接头 Tie-in



### I接头 Tie-in



| 符号 / 缸径<br>Symbol / Bore | NA   | NB | NC | ND  | NE  | NF | NG | NH       | NJ | NK | NM | NP | NQ  | PA   | PB   |
|--------------------------|------|----|----|-----|-----|----|----|----------|----|----|----|----|-----|------|------|
| 32                       | 19   | 20 | 10 | 40  | 52  | 15 | 20 | M10×1.25 | 12 | 18 | 10 | 20 | 52  | 25   | 19.5 |
| 40                       | 25.4 | 24 | 12 | 48  | 67  | 24 | 20 | M12×1.25 | 20 | 23 | 12 | 24 | 62  | 32.8 | 26.5 |
| 50                       | 32   | 32 | 16 | 64  | 89  | 32 | 23 | M16×1.5  | 22 | 30 | 16 | 32 | 83  | 39.3 | 33   |
| 63                       | 32   | 32 | 16 | 64  | 89  | 32 | 23 | M16×1.5  | 22 | 30 | 16 | 32 | 83  | 39.3 | 33   |
| 80                       | 44.4 | 40 | 20 | 80  | 112 | 40 | 30 | M20×1.5  | 30 | 39 | 20 | 40 | 105 | 53.3 | 45   |
| 100                      | 44.4 | 40 | 20 | 80  | 112 | 40 | 30 | M20×1.5  | 30 | 39 | 20 | 40 | 105 | 53.3 | 45   |
| 125                      | 55   | 45 | 25 | 110 | 155 | 40 | 56 | M27×2    | 30 | 54 | 48 | 64 | 148 | 64   | 55   |
| 160                      | 80   | 54 | 30 | 120 | 130 | 35 | 50 | M36×2    | 40 | 54 | 40 | 35 | 150 | 91   | 81   |
| 200                      | 80   | 54 | 30 | 120 | 130 | 35 | 50 | M36×2    | 40 | 54 | 40 | 35 | 150 | 91   | 81   |

# SI系列ISO6431标准气缸

## SI Series ISO6431 Standard Cylinder



### 订购码 Ordering Code

SI - 50 X 50 - 25 - S - LB

#### 系列代号

SI: ISO6431标准复动型  
SID: ISO6431标准  
双轴复动型  
SIJ: ISO6431双轴  
行程可调型

#### Series Code

SI:ISO6431 Standard Double Action Type  
SID:ISO6431 Standard Two Axis Double  
Action Type  
SIJ:ISO6431 Two Axis Stroke Adjust Type

#### 缸径 Cylinder Bore

#### 行程 Stroke

#### 调整行程 Adjust Stroke

25:25mm  
50:50mm  
75:75mm

#### 固定型式

空白: 基本型

LB: 前后固定型

FA: 前盖固定型(前法兰)

FB: 后盖固定型(后法兰)

CA: 后盖固定型(单耳环)

CB: 后盖固定型(双耳环)

TC: 中间摇摆式

TC-M: 摇摆式附脚座

#### Fixed Type

Blank: basic type

LB: front and back fixed type

FA: front cover fixed type (Front flange type)

FB: back cover fixed type (Rear flange type)

CA: back cover fixed type (Single Earring)

CB: back cover fixed type (double Earring)

TC: swinging type

TC-M: swinging type attaching foot seat 适用于Applicable  
φ 32~ φ 100

#### 磁石代号

空白: 不附磁

S: 附磁石

#### Magnet Code

Blank:Without Magnet

S:With Magnet

### 气缸理论出力表 Cylinder theory output

| 气缸内径<br>Cylinder<br>Inside Diameter | 活塞杆外径<br>External<br>Diameter of Piston Rod | 动作型式<br>Motion Pattern | 受压面积<br>(cm <sup>2</sup> )<br>Compression<br>Area | 空气压力 Air Pressure (Kg/cm <sup>2</sup> ) |        |        |        |         |         |         |         |         |
|-------------------------------------|---|------------------------|---|---|--------|--------|--------|---------|---------|---------|---------|---------|
|                                     |   |                        |   | 1                                       | 2      | 3      | 4      | 5       | 6       | 7       | 8       | 9       |
| 32                                  | 12  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 8.04                                    | 8.04   | 16.08  | 24.12  | 32.16   | 40.20   | 48.24   | 56.28   | 64.32   |
|                                     |   |                        | 拉侧Pull Side                                       | 6.90                                    | 6.90   | 13.80  | 20.70  | 27.60   | 34.50   | 41.40   | 48.30   | 55.20   |
| 40                                  | 16  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 12.56                                   | 12.56  | 25.12  | 37.68  | 50.24   | 62.80   | 75.36   | 87.92   | 100.24  |
|                                     |   |                        | 拉侧Pull Side                                       | 10.55                                   | 10.55  | 21.10  | 31.65  | 42.20   | 52.75   | 63.30   | 73.85   | 84.40   |
| 50                                  | 20  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 19.63                                   | 19.63  | 39.26  | 58.89  | 78.52   | 98.15   | 117.78  | 137.41  | 157.04  |
|                                     |   |                        | 拉侧Pull Side                                       | 16.49                                   | 16.49  | 32.98  | 49.47  | 65.96   | 82.45   | 98.94   | 115.43  | 139.92  |
| 63                                  | 20  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 31.17                                   | 31.17  | 62.34  | 93.51  | 124.68  | 155.85  | 187.02  | 218.19  | 249.36  |
|                                     |   |                        | 拉侧Pull Side                                       | 28.03                                   | 28.03  | 56.06  | 84.09  | 112.12  | 140.15  | 168.18  | 196.21  | 224.24  |
| 80                                  | 25  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 50.26                                   | 50.26  | 100.52 | 150.78 | 201.04  | 251.30  | 301.56  | 351.82  | 402.08  |
|                                     |   |                        | 拉侧Pull Side                                       | 45.36                                   | 45.36  | 90.72  | 136.08 | 181.44  | 226.80  | 272.16  | 317.52  | 362.88  |
| 100                                 | 25  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 78.53                                   | 78.53  | 157.06 | 235.59 | 314.12  | 392.65  | 471.18  | 549.71  | 628.24  |
|                                     |   |                        | 拉侧Pull Side                                       | 71.47                                   | 71.47  | 142.94 | 214.41 | 285.88  | 357.35  | 428.82  | 500.29  | 571.76  |
| 125                                 | 32  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 122.72                                  | 122.72 | 245.44 | 368.16 | 490.88  | 613.60  | 736.32  | 859.04  | 981.76  |
|                                     |   |                        | 拉侧Pull Side                                       | 114.68                                  | 114.68 | 229.36 | 344.04 | 458.72  | 573.40  | 688.08  | 802.76  | 917.44  |
| 160                                 | 40  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 201.06                                  | 201.06 | 402.12 | 603.18 | 804.24  | 1005.30 | 1206.36 | 1407.42 | 1608.48 |
|                                     |   |                        | 拉侧Pull Side                                       | 188.49                                  | 188.49 | 376.98 | 565.47 | 753.96  | 942.45  | 1130.94 | 1319.43 | 1507.92 |
| 200                                 | 40  | 复动型<br>Double Action   | 压侧<br>Press Side                                  | 314.16                                  | 314.16 | 628.32 | 942.48 | 1256.64 | 1570.80 | 1884.96 | 2199.12 | 2513.28 |
|                                     |   |                        | 拉侧Pull Side                                       | 301.57                                  | 301.57 | 603.14 | 904.71 | 1206.28 | 1507.85 | 1809.42 | 2110.99 | 2412.56 |



# SI系列ISO6431标准气缸

## SI Series ISO6431 Standard Cylinder

### 规格 Specification

|  |  |         |    |         |    |         |     |         |     |
|--|--|---------|----|---------|----|---------|-----|---------|-----|
| 内径<br>Bore (mm)                        | 32   | 40      | 50 | 63      | 80 | 100     | 125 | 160     | 200 |
| 动作型式<br>Motion Pattern                 | 复动型 Double Action Type   |         |    |         |    |         |     |         |     |
| 工作介质<br>Working Medium                 | 空气 Air   |         |    |         |    |         |     |         |     |
| 固定型式<br>Fixed Type                     | 基本型/Basic Type, FA型/Type, FB型/Type, CA型/Type, CB型/Type, CR型/Type, LB型/Type, TC型/Type, TC-M型/Type |         |    |         |    |         |     |         |     |
| 使用压力范围<br>Working Pressure Range       | 0.1~0.9MPa   |         |    |         |    |         |     |         |     |
| 保证耐压力<br>Ensured Pressure Resistance   | 1.35MPa  |         |    |         |    |         |     |         |     |
| 使用温度范围℃<br>Operating Temperature Range | -5~70℃   |         |    |         |    |         |     |         |     |
| 使用速度范围<br>Operating Speed Range        | 50~800 mm/s  |         |    |         |    |         |     |         |     |
| 缓冲型式<br>Buffer Type                    | 可调缓冲 Adjust Buffer   |         |    |         |    |         |     |         |     |
| 缓冲行程<br>Buffer Stroke                  | 24   |         |    |         |    |         | 32  |         |     |
| 接管口径<br>Joint Pipe Bore                | PT1/8 "  | PT1/4 " |    | PT3/8 " |    | PT1/2 " |     | PT3/4 " |     |

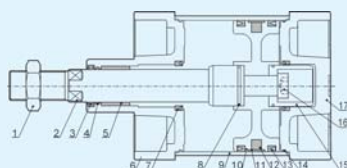
### 行程 Stroke

| 内 径<br>Bore (mm) | 标 准 行 程 / Standard Stroke  | 最大行程<br>Max. Stroke | 容许行程<br>Permissible Stroke |
|------------------|--|---------------------|----------------------------|
| 32               | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500                      | 1000                | 2000                       |
| 40               | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800          | 1200                | 2000                       |
| 50               | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000 | 1200                | 2000                       |
| 63               | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000 | 1500                | 2000                       |
| 80               | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000 | 1500                | 2000                       |
| 100              | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000 | 1500                | 2000                       |
| 125              | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000 | 1500                | 2000                       |
| 160              | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000 | 1500                | 2000                       |
| 200              | 25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000 | 1500                | 2000                       |

特殊行程请与本公司联系。If you need special stroke , pls contact us.

### 内部结构 Inner structure

附磁 With magnet

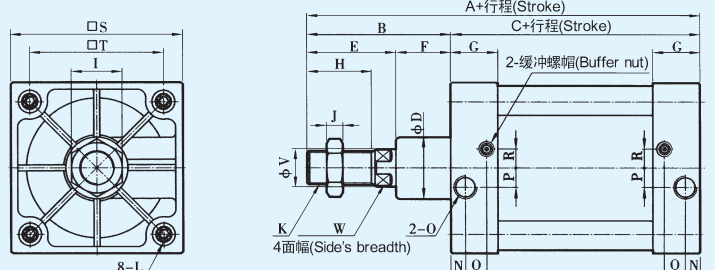


| 序号 No. | 名称 Name                          | 序号 No. | 名称 Name                |
|--------|----------------------------------|--------|------------------------|
| 1      | 螺母 Nut                           | 2      | 活塞杆 Piston rod         |
| 3      | 前盖密封圈 Front cover seal ring      | 4      | O令 O-ring              |
| 5      | 自润滑轴承 Itself lubricating bearing | 6      | 前盖 Front cover         |
| 7      | 缓冲O令 Buffering O-ring            | 8      | 缓冲体O令 Buffering o-ring |
| 9      | 本体 Body                          | 10     | 活塞 Piston              |
| 11     | 耐磨环 Wearing ring                 | 12     | 磁铁 Magnet              |
| 13     | 活塞O令 Piston o-ring               | 14     | 管壁O令 Pipe wall o-ring  |
| 15     | 缓冲体 Damping                      | 16     | 内六角螺栓 Hex socket screw |
| 17     | 后盖 Back cover                    |        |                        |

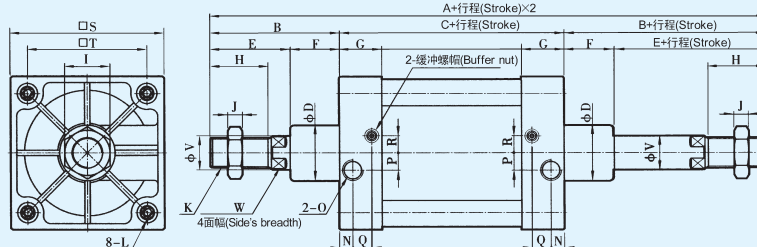
# SI系列ISO6431标准气缸 SI Series ISO6431 Standard Cylinder

## 外形尺寸 Overall Dimension

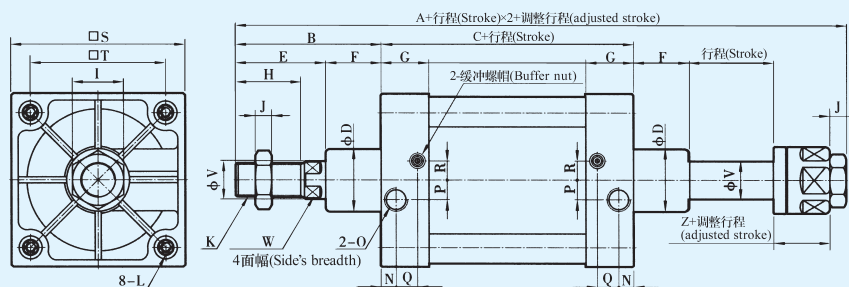
$\phi 32 \sim \phi 200$   
SI系列 series



SID系列 series



SIJ系列 series



| 缸径/符号<br>Bore/Symbol | A    | B     | C    | D   | E    | F   | G    | H  | I  | J    | K        | L   |
|----------------------|------|-------|------|-----|------|-----|------|----|----|------|----------|-----|
| 32                   | 142  | 48    | 94   | 30  | 30   | 18  | 27.5 | 22 | 17 | 6    | M10×1.25 | M6  |
| 40                   | 159  | 54    | 105  | 35  | 34   | 20  | 32   | 24 | 19 | 7    | M12×1.25 | M6  |
| 50                   | 175  | 69    | 106  | 40  | 42   | 27  | 31   | 32 | 24 | 8    | M16×1.5  | M8  |
| 63                   | 190  | 69    | 121  | 45  | 40   | 29  | 33   | 32 | 24 | 8    | M16×1.5  | M8  |
| 80                   | 214  | 86    | 128  | 45  | 53   | 33  | 33   | 40 | 30 | 10   | M20×1.5  | M10 |
| 100                  | 229  | 91    | 138  | 55  | 55   | 36  | 37   | 40 | 30 | 10   | M20×1.5  | M10 |
| 125                  | 279  | 119   | 160  | 60  | 74   | 45  | 46   | 54 | 41 | 13.5 | M27×2    | M12 |
| 160                  | 332  | 152   | 180  | 65  | 94   | 58  | 50   | 72 | 55 | 18   | M36×2    | M16 |
| 200                  | 347  | 167   | 180  | 75  | 100  | 67  | 50   | 72 | 55 | 18   | M36×2    | M16 |
| 缸径/符号<br>Bore/Symbol | N    | O     | P    | Q   | R    | S   | T    | V  | W  | Z    |          |     |
| 32                   | 13.5 | PT1/8 | 4    | 7.5 | 7    | 47  | 32.5 | 12 | 10 | 21   |          |     |
| 40                   | 16   | PT1/4 | 6    | 9.5 | 9    | 53  | 38   | 16 | 13 | 21   |          |     |
| 50                   | 18.5 | PT1/4 | 8.5  | 6.7 | 9    | 65  | 46.5 | 20 | 17 | 23   |          |     |
| 63                   | 19   | PT3/8 | 6    | 7.7 | 9    | 75  | 56.5 | 20 | 17 | 23   |          |     |
| 80                   | 19   | PT3/8 | 10   | 5   | 13.5 | 95  | 72   | 25 | 22 | 29   |          |     |
| 100                  | 18   | PT1/2 | 12.5 | 10  | 14.5 | 115 | 89   | 25 | 22 | 29   |          |     |
| 125                  | 23   | PT1/2 | 14   | 12  | 14   | 140 | 110  | 32 | 27 | 35   |          |     |
| 160                  | 25   | PT3/4 | 15   | 12  | 20   | 180 | 140  | 40 | 36 | 40   |          |     |
| 200                  | 25   | PT3/4 | 15   | 12  | 20   | 220 | 175  | 40 | 36 | 40   |          |     |



DNC系列ISO6431 标准气缸  
DNC Series ISO6431 Standard Cylinder

## 订购码 Ordering Code

DNC

型号

DNC: 基本型  
HNC: 轴向脚座  
FNC: 前后法兰  
ZNCF: 前后轴销  
ZNCM: 中间轴销  
SNCB: 单耳座  
SNCL: 双耳座

Model  
DNC: Fixed Type  
HNC: Axis Direction Foot Base  
FNC: Front and Back Flange  
ZNCF: Front and Back Axis Pin  
ZNCM: Middle Axis Pin  
SNCB: Single Earring Base  
SNCL: Double Earring Base

63

缸径  
Cylinder  
Bore

x

50

行程  
Stroke

PPV

缓冲

空白: 无缓冲  
PPV: 带缓冲

Buffer  
Blank: Non Buffer  
PPV: Attach Buffer  
attach magnet

A

磁石代号

空白: 标准型  
A: 内置磁环

Magnet Code  
Blank: Standard Type  
A: Inside magnet

□

特殊加长长度  
Especially  
Lengthen  
Length

S2

S2: 双活塞杆  
K2: 加长外螺杆  
K3: 前端内螺纹  
K5: 外标准螺纹  
K8: 加长活塞杆

S2: Double Piston Rod  
K2: Lengthen Out Screw  
K3: Front In Screw Thread  
K5: Out Standard Screw Thread  
K8: Lengthen Piston Rod

## 规格 Specification

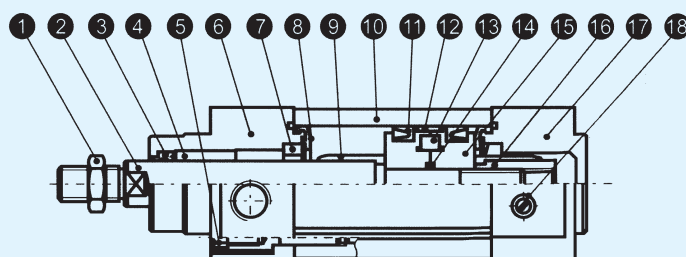
|                                     |   |      |      |      |      |      |
|-------------------------------------|---|------|------|------|------|------|
| 内径<br>Bore (mm)                     | 32  | 40   | 50   | 63   | 80   | 100  |
| 工作介质<br>Motion Pattern              | 经过滤的空气 Filtered Air   |      |      |      |      |      |
| 动作形式<br>Working Medium              | 双动 Double Action  |      |      |      |      |      |
| 耐压实验压力<br>Compression Pressure      | 1.5MPa  |      |      |      |      |      |
| 最高使用压力<br>Max. Operating Pressure   | 1.0MPa  |      |      |      |      |      |
| 最低工作压力<br>Min. Operating Pressure   | 0.1MPa  |      |      |      |      |      |
| 缓冲<br>Buffer                        | 气缓冲(标准) Air Buffer(Standard)  |      |      |      |      |      |
| 环境温度<br>Condition Temperature       | 5~60℃   |      |      |      |      |      |
| 使用速度<br>Operating Speed             | 50~500mm/s  |      |      |      |      |      |
| 行程误差<br>Margin of Stroke Error (mm) | 0~250 <sup>+1.0</sup> <sub>0</sub> 251~1000 <sup>+1.5</sup> <sub>0</sub> 1001~1500 <sup>+2.0</sup> <sub>0</sub> |      |      |      |      |      |
| 使用寿命<br>Operating Life              | 不低于 Not less than 4000Km  |      |      |      |      |      |
| 润滑<br>Lubricate                     | 不需要 Not Necessary+1.0   |      |      |      |      |      |
| 接管口径<br>Joint Pipe Bore             | 1/8"  | 1/4" | 1/4" | 3/8" | 3/8" | 1/2" |

# DNC系列ISO6431 标准气缸 DNC Series ISO6431 Standard Cylinder

## 行程 Stroke

| 内径<br>Bore | 标准行程Stan-<br>dard Stroke | 缓冲行程<br>Buffer Stroke | 最大行程范围Max.<br>Stroke Range | 内径<br>Bore | 磁性开关最小行程<br>Magnetism Switch Min.Stroke | 磁性开关型号Magne-<br>tism Switch Type |
|------------|--------------------------|-----------------------|----------------------------|------------|---|----------------------------------|
| 32         | 25 40 50 80              | 20                    | 10~2000                    | 32         | 32                                      |                                  |
| 40         |                          |                       |                            | 40         | KCK2400C                                |                                  |
| 50         | 100 125 160              | 22                    |                            | 50         | 50                                      | (埋入式)                            |
| 63         | 200 250 320              |                       |                            | 63         | 63                                      | Embedding Type                   |
| 80         | 400 500                  | 32                    |                            | 80         | 80                                      |                                  |
| 100        |                          |                       |                            | 100        | 100                                     |                                  |

## 结构图 Structure Drawing



## 零件表 Part Sheet

| 序号<br>No | 名称 Name                         | 材料 Material           | 序号<br>No | 名称 Name                       | 材料 Material         |
|----------|---------------------------------|-----------------------|----------|-------------------------------|---------------------|
| 1        | 螺母<br>Nut                       | 35                    | 12       | 衬圈<br>Washer                  | F4                  |
| 2        | 活塞杆<br>Piston Pot               | 45                    | 13       | 磁环<br>Magnetic ring           | 磁塑 Magnetic Plastic |
| 3        | 轴封<br>Axes Envelop              | PU                    | 14       | "O"形圈<br>"O"Ring              | NBR                 |
| 4        | 导封<br>Guide Envelop             | 含油轴承 Oiliness Bearing | 15       | 前后活塞<br>Front and Back Piston | LY12                |
| 5        | 连杆螺栓<br>Pot Bolt                | 35                    | 16       | 压紧螺母<br>Compaction Nut        | LY12                |
| 6        | 前端盖<br>Front Cover              | ZZnAl4-1              | 17       | 后端盖<br>Back Cover             | ZZnAl4-1            |
| 7        | 缓冲密封圈<br>Buffer Airproof Loop   | PU                    | 18       | 调节阀针<br>Adjust Valve Pin      | HPb59-1             |
| 8        | 缓冲密封垫<br>Buffer Airproof Spacer | PU                    |          |                               |                     |
| 9        | 缓冲活塞<br>Buffer Piston           | POM                   |          |                               |                     |
| 10       | 缸筒<br>Sylinder Canister         | A6063-TS              |          |                               |                     |
| 11       | "Y"形圈<br>"Y"Ring                | NBR                   |          |                               |                     |

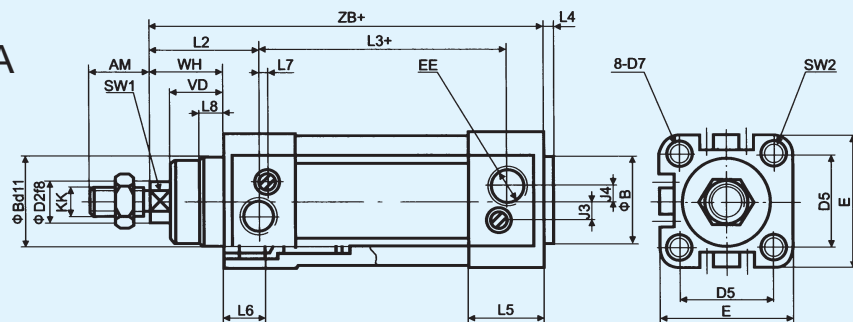
## DNC系列ISO6431 标准气缸

### DNC Series ISO6431 Standard Cylinder

#### 外形尺寸 Overall Dimension

#### 基本型 Base Type

DNC...PPV-A



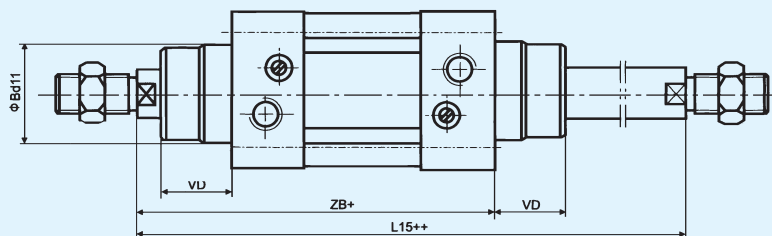
#### 尺寸表 Dimension Sheet

| 缸径<br>Bore | AM | B  | D2 | D5   | D7  | E   | EE(G) | J3   | J4  | KK       | L2   | L3    | L4 | L5   | L6 | L7   | L8   | SW1 | SW2 | VD   | WH | ZB  |
|------------|----|----|----|------|-----|-----|-------|------|-----|----------|------|-------|----|------|----|------|------|-----|-----|------|----|-----|
| 32         | 22 | 30 | 12 | 32.5 | M6  | 45  | 1/8   | 6    | 5.2 | M10×1.25 | 41.6 | 62.8  | 4  | 25.1 | 16 | 3.3  | 10   | 10  | 6   | 18   | 26 | 120 |
| 40         | 24 | 35 | 16 | 38   | M6  | 54  | 1/4   | 8    | 6   | M12×1.25 | 44   | 77    | 4  | 29.6 | 16 | 3.6  | 10.5 | 13  | 6   | 21.5 | 30 | 135 |
| 50         | 32 | 40 | 20 | 46.5 | M8  | 64  | 1/4   | 10   | 8.5 | M16×1.5  | 51   | 78    | 4  | 29.6 | 17 | 5.1  | 11.5 | 17  | 8   | 28   | 37 | 143 |
| 63         | 32 | 45 | 20 | 56.5 | M8  | 75  | 3/8   | 12.4 | 10  | M16×1.5  | 54   | 87    | 4  | 35.6 | 17 | 6.6  | 15   | 17  | 8   | 28.5 | 37 | 158 |
| 80         | 40 | 45 | 25 | 72   | M10 | 93  | 3/8   | 12.5 | 8   | M20×1.5  | 62.4 | 95.2  | 4  | 35.9 | 17 | 10.5 | 15.7 | 22  | 10  | 34.7 | 46 | 174 |
| 100        | 40 | 55 | 25 | 89   | M10 | 110 | 1/2   | 11.8 | 10  | M20×1.5  | 69.8 | 100.4 | 4  | 38.8 | 17 | 8    | 19.2 | 22  | 10  | 38.2 | 51 | 189 |

#### 双活塞杆型 Double Piston Type

#### 外形尺寸 Overall Dimension

DNC...PPV-A-S2



| 缸径<br>Bore | B   | L15 | VD   | ZB  |
|------------|-----|-----|------|-----|
| 32         | 30  | 46  | 18   | 120 |
| 40         | 35  | 165 | 21.5 | 135 |
| 50         | 40  | 180 | 28   | 143 |
| 63         | 45  | 195 | 28.5 | 158 |
| 80         | 45  | 220 | 34.7 | 174 |
| 100        | 551 | 240 | 38.2 | 189 |

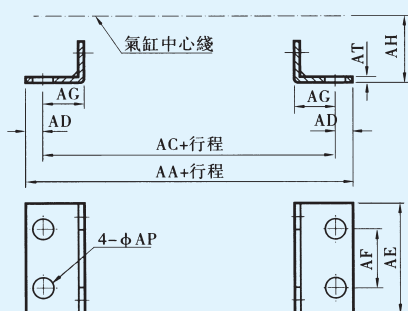


# ISO6431标准气缸安装附件

## ISO 6431 Standard Cylinder Accessories

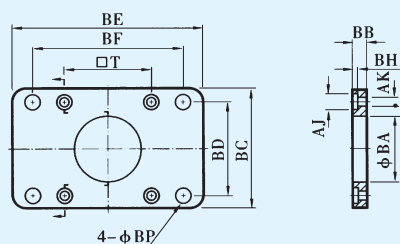


### LB型 Type



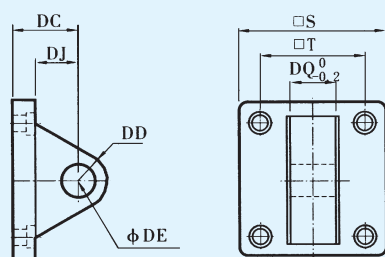
| 符号 / 缸径<br>Symbol / Bore | 32  | 40  | 50  | 63  | 80   | 100  | 125  | 160  | 200 |
|--------------------------|-----|-----|-----|-----|------|------|------|------|-----|
| AA                       | 158 | 179 | 190 | 209 | 248  | 258  | 290  | 340  | 380 |
| AC                       | 142 | 161 | 170 | 185 | 210  | 220  | 250  | 300  | 320 |
| AD                       | 8   | 9   | 10  | 12  | 19   | 19   | 20   | 20   | 30  |
| AE                       | 47  | 53  | 63  | 75  | 95   | 115  | 140  | 180  | 220 |
| AF                       | 32  | 36  | 45  | 50  | 63   | 75   | 90   | 115  | 135 |
| AG                       | 24  | 28  | 32  | 32  | 41   | 45   | 45   | 60   | 70  |
| AH                       | 32  | 36  | 45  | 50  | 63   | 71   | 90   | 115  | 135 |
| AP                       | 7   | 9   | 9   | 9   | 12.5 | 14.5 | 16.5 | 18.5 | 24  |
| AT                       | 3   | 3   | 3   | 3   | 4    | 4    | 8    | 8    | 9   |

### FA型 Type



| 符号 / 缸径<br>Symbol / Bore | 32   | 40   | 50   | 63   | 80   | 100  | 125  | 160   | 200  |
|--------------------------|------|------|------|------|------|------|------|-------|------|
| AJ                       | 11   | 11   | 13   | 13   | 17   | 17   | 19   | 24.5  | 25   |
| AK                       | 7    | 7    | 9    | 9    | 11   | 11   | 13   | 16.75 | 17   |
| BA                       | 30.5 | 35.5 | 40.5 | 45.5 | 45.5 | 55.5 | 60.5 | 65.5  | 75.5 |
| BB                       | 10   | 10   | 12   | 12   | 16   | 16   | 20   | 20    | 25   |
| BC                       | 47   | 53   | 65   | 75   | 95   | 115  | 140  | 180   | 220  |
| BD                       | 32   | 36   | 45   | 50   | 63   | 75   | 90   | 115   | 135  |
| BE                       | 80   | 90   | 110  | 125  | 154  | 186  | 224  | 280   | 320  |
| BF                       | 64   | 72   | 90   | 100  | 126  | 150  | 180  | 230   | 270  |
| BH                       | 4    | 4    | 6    | 4    | 6    | 6    | 8    | 8     | 12   |
| BP                       | 7    | 9    | 9    | 9    | 12.5 | 14.5 | 16.5 | 18.5  | 24   |
| T                        | 32.5 | 38   | 46.5 | 56.5 | 72   | 89   | 110  | 140   | 175  |

### CA型 Type

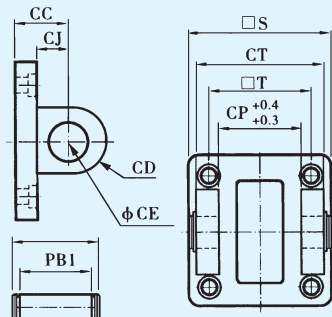


| 符号 / 缸径<br>Symbol / Bore | 32   | 40   | 50   | 63   | 80   | 100  | 125  | 160  | 200  |
|--------------------------|------|------|------|------|------|------|------|------|------|
| S                        | 47   | 53   | 65   | 75   | 95   | 115  | 140  | 180  | 220  |
| T                        | 32.5 | 38   | 46.5 | 56.5 | 72   | 89   | 110  | 140  | 175  |
| DC                       | 22   | 25   | 27   | 32   | 36   | 41   | 50   | 55   | 60   |
| DD                       | 9    | 12   | 12   | 15   | 15   | 20   | 25   | 30   | 30   |
| DE                       | 10   | 12   | 12   | 16   | 16   | 20   | 25   | 30   | 30   |
| DJ                       | 13   | 16   | 17   | 22   | 22   | 27   | 33   | 35.5 | 36   |
| DQ                       | 25.8 | 27.8 | 31.7 | 39.7 | 49.7 | 59.7 | 69.7 | 89.7 | 89.7 |

# ISO6431标准气缸安装附件

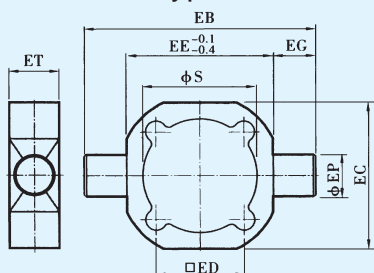
## ISO 6431 Standard Cylinder Accessories

CB型 Type



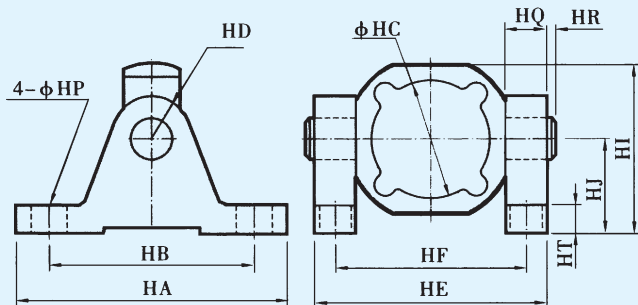
| 符号 / 缸径<br>Symbol / Bore | 32   | 40   | 50   | 63   | 80   | 100   | 125   | 160   | 200   |
|--------------------------|------|------|------|------|------|-------|-------|-------|-------|
| CC                       | 22   | 25   | 27   | 32   | 36   | 41    | 50    | 55    | 60    |
| CD                       | 9    | 12   | 12   | 15   | 15   | 20    | 25    | 30    | 30    |
| CE                       | 10   | 12   | 12   | 16   | 16   | 20    | 25    | 30    | 30    |
| CJ                       | 13   | 16   | 17   | 22   | 22   | 27    | 31    | 35.5  | 36    |
| CP                       | 26   | 28   | 32   | 40   | 50   | 60    | 70    | 90    | 90    |
| CT                       | 45   | 52   | 60   | 70   | 90   | 110   | 130   | 170   | 170   |
| PAI                      | 51   | 59   | 67   | 77   | 97   | 119   | 139   | 181   | 181   |
| PBI                      | 45.5 | 52.5 | 60.5 | 70.5 | 90.5 | 110.5 | 130.5 | 170.5 | 170.5 |
| S                        | 47   | 53   | 65   | 75   | 95   | 115   | 140   | 180   | 220   |
| T                        | 32.5 | 38   | 46.5 | 56.5 | 72   | 89    | 110   | 140   | 175   |

TC型 Type



| 符号 / 缸径<br>Symbol / Bore | 32   | 40  | 50   | 63   | 80  | 100 | 125 | 160 | 200 |
|--------------------------|------|-----|------|------|-----|-----|-----|-----|-----|
| EB                       | 100  | 113 | 125  | 140  | 160 | 182 | —   | —   | —   |
| EC                       | 50   | 58  | 70   | 80   | 100 | 126 | —   | —   | —   |
| ED                       | 32.5 | 38  | 46.5 | 56.5 | 72  | 89  | —   | —   | —   |
| EE                       | 50   | 63  | 75   | 90   | 110 | 132 | —   | —   | —   |
| EG                       | 25   | 25  | 25   | 25   | 25  | 25  | —   | —   | —   |
| EP                       | 12   | 16  | 16   | 20   | 20  | 25  | —   | —   | —   |
| ET                       | 20   | 24  | 28   | 28   | 28  | 28  | —   | —   | —   |
| S                        | 36   | 45  | 55   | 68   | 86  | 106 | —   | —   | —   |

TC-M型 Type

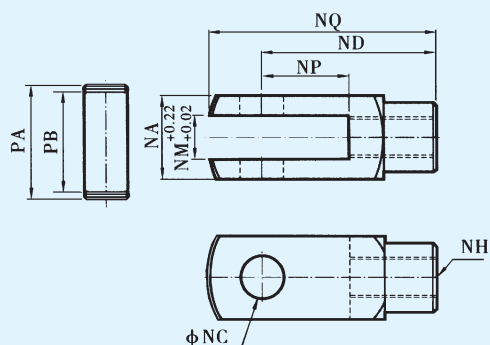


| 符号 / 缸径<br>Symbol / Bore | 32   | 40   | 50  | 63  | 80  | 100 |
|--------------------------|------|------|-----|-----|-----|-----|
| HA                       | 110  | 110  | 110 | 120 | 120 | 120 |
| HB                       | 80   | 80   | 80  | 80  | 85  | 85  |
| HC                       | 36   | 45   | 55  | 58  | 86  | 106 |
| HD                       | 22   | 22   | 22  | 22  | 22  | 22  |
| HE                       | 96   | 109  | 121 | 136 | 156 | 178 |
| HF                       | 73   | 86   | 98  | 113 | 133 | 155 |
| HI                       | 68.5 | 76.5 | 82  | 86  | 113 | 130 |
| HJ                       | 43.5 | 47.5 | 47  | 46  | 63  | 67  |
| HQ                       | 23   | 23   | 23  | 23  | 23  | 23  |
| HR                       | 2    | 2    | 2   | 2   | 2   | 2   |
| HT                       | 12   | 12   | 12  | 12  | 14  | 14  |
| HP                       | 12   | 12   | 12  | 12  | 14  | 14  |

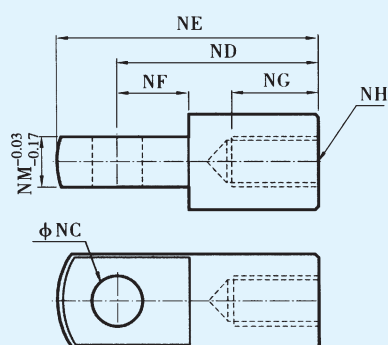
# ISO6431标准气缸联接附件

## ISO6431 Standard Cylinder Accessories Connection

Y接头 Tie-in

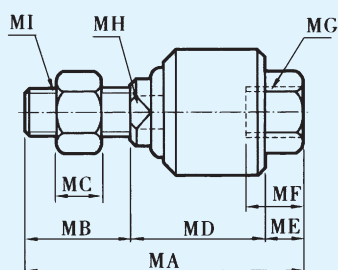


I接头 Tie-in



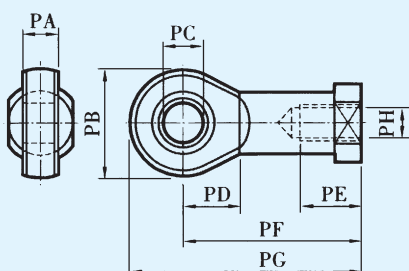
| 缸径 / 符号<br>Bore / Symbol | NA   | NC | ND  | NE  | NF | NG | NH       | NM | NP | NQ  | PA   | PB   |
|--------------------------|------|----|-----|-----|----|----|----------|----|----|-----|------|------|
| 32                       | 19   | 10 | 40  | 52  | 15 | 20 | M10x1.25 | 10 | 20 | 52  | 26.2 | 20   |
| 40                       | 25.4 | 12 | 48  | 67  | 24 | 20 | M12x1.25 | 12 | 24 | 62  | 32.8 | 26.5 |
| 50                       | 32   | 16 | 64  | 89  | 32 | 23 | M16x1.5  | 16 | 32 | 83  | 39.3 | 33   |
| 63                       | 32   | 16 | 64  | 89  | 32 | 23 | M16x1.5  | 16 | 32 | 83  | 39.3 | 33   |
| 80                       | 44.4 | 20 | 80  | 112 | 40 | 30 | M20x1.5  | 20 | 40 | 105 | 53.3 | 45   |
| 100                      | 44.4 | 20 | 80  | 112 | 40 | 30 | M20x1.5  | 20 | 40 | 105 | 53.3 | 45   |
| 125                      | 55   | 30 | 110 | 155 | 50 | 56 | M27x2.0  | 30 | 54 | 148 | 64   | 55.6 |
| 160                      | 70   | 35 | 144 | 201 | 50 | 72 | M36x2.0  | 35 | 72 | 191 | 80   | 70.6 |
| 200                      | 70   | 35 | 144 | 201 | 55 | 72 | M36x2.0  | 3  | 72 | 191 | 80   | 70.6 |

浮动接头/Float Joint



| 缸径/符号<br>Bore / Symbol | MA  | MB | MC   | MD  | ME | MF | MG       | MH | MI       |
|------------------------|-----|----|------|-----|----|----|----------|----|----------|
| 32                     | 73  | 20 | 6    | 45  | 8  | 26 | M10x1.25 | 12 | M10x1.25 |
| 40                     | 77  | 24 | 7    | 46  | 7  | 26 | M12x1.25 | 12 | M12x1.25 |
| 50                     | 106 | 32 | 8    | 62  | 12 | 34 | M16x1.5  | 19 | M16x1.5  |
| 63                     | 106 | 32 | 8    | 62  | 12 | 34 | M16x1.5  | 19 | M16x1.5  |
| 80                     | 122 | 40 | 10   | 68  | 14 | 42 | M20x1.5  | 19 | M20x1.5  |
| 100                    | 122 | 40 | 10   | 68  | 14 | 42 | M20x1.5  | 19 | M20x1.5  |
| 125                    | 147 | 54 | 13.5 | 77  | 16 | 40 | M27x2.0  | 24 | M27x2.0  |
| 160                    | 251 | 72 | 18   | 161 | 18 | 78 | M36x2.0  | 36 | M36x2.0  |
| 200                    | 251 | 72 | 18   | 161 | 18 | 78 | M36x2.0  | 36 | M36x2.0  |

鱼眼接头/Fisheye Joint



| 缸径/符号<br>Bore / Symbol | PA | PB | PC | PD | PE | PF  | PG  | PH       |
|------------------------|----|----|----|----|----|-----|-----|----------|
| 32                     | 14 | 28 | 10 | 15 | 20 | 43  | 57  | M10x1.25 |
| 40                     | 16 | 32 | 12 | 17 | 22 | 50  | 66  | M12x1.25 |
| 50                     | 21 | 42 | 16 | 22 | 28 | 64  | 85  | M16x1.5  |
| 63                     | 21 | 42 | 16 | 22 | 28 | 64  | 85  | M16x1.5  |
| 80                     | 25 | 50 | 20 | 26 | 33 | 77  | 102 | M20x1.5  |
| 100                    | 25 | 50 | 20 | 26 | 33 | 77  | 102 | M20x1.5  |
| 125                    | 37 | 70 | 30 | 36 | 51 | 110 | 145 | M27x2.0  |
| 160                    | 43 | 80 | 35 | 41 | 56 | 125 | 165 | M36x2.0  |
| 200                    | 43 | 50 | 35 | 41 | 56 | 125 | 165 | M36x2.0  |



## MB系列标准气缸 (符合日本标准)

### MB Series Standard Cylinder (In accordance with Japanese standard)



#### 型号选择 Specification option

基本型: MBB  
Basic type  
内置磁环型: MDBB  
Inner magnet type

缸径  
Bore size  
32-φ32mm 40-φ40mm 50-φ50mm  
63-φ63mm 80-φ80mm 100-φ100mm

32 — 100  
50 — 150  
行程  
Stroke

#### 标准规格 Standard specification

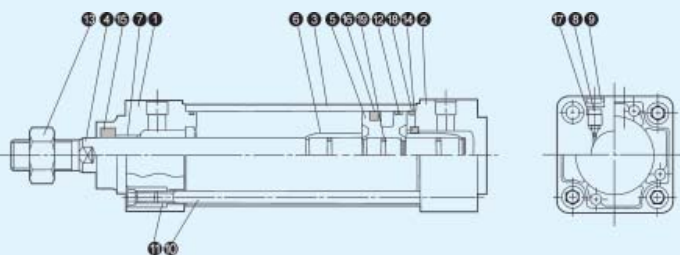
| 缸径      | Cylinder diameter          | 32  | 40  | 50  | 63  | 80 | 100 |
|---------|----------------------------|---|-----|-----|-----|----|-----|
| 流体      | Fluid                      | 空气 Air  |     |     |     |    |     |
| 动作型式    | Action type                | 双动 Double acting  |     |     |     |    |     |
| 保证耐压力   | Proof pressure             | 15.3kgf/cm <sup>2</sup> (1.5Mpa)  |     |     |     |    |     |
| 最高使用压力  | Max.pressure               | 10.2kgf/cm <sup>2</sup> (1.0Mpa)  |     |     |     |    |     |
| 最低使用压力  | Min.pressure               | 0.5kgf/cm <sup>2</sup> (0.05Mpa)  |     |     |     |    |     |
| 环境和流体温度 | Environment and fluid temp | -10~+60℃  |     |     |     |    |     |
| 活塞速度    | Piston velocity            | 50~1000mm/s   |     |     |     |    |     |
| 缓冲      | Buffering                  | 气缓冲 Air buffering   |     |     |     |    |     |
| 行程公差    | Stroke tolerance           | ~250: <sup>+1.0</sup> <sub>0</sub> , 251~1000: <sup>+1.4</sup> <sub>0</sub> , 1001~1500: <sup>+1.8</sup> <sub>0</sub> |     |     |     |    |     |
| 润滑      | Lubrication                | 不需要 NO  |     |     |     |    |     |
| 接管口径    | Rc(PT)Joint size           | 1/8   | 1/4 | 3/8 | 1/2 |    |     |

#### 行程/磁性开关选择 Stroke/Magnetism switch

| 缸径<br>Dia | 标准行程 (mm)<br>Standard stroke   | 拉杆安装型<br>Drawing-rod installing type                     |               |
|-----------|--|--|---------------|
|           |  | 磁性开关<br>Magnetism switch                                 | 开关固定码<br>Code |
| 32        | 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500                | D-A54L<br>D-A56L<br>D-A64L<br>D-F59L<br>D-J59L<br>D-J51L | BT-03         |
| 40        |  |  | BT-05         |
| 50        | 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600           |  |               |
| 63        |  |  | BT-06         |
| 80        | 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750 |  |               |
| 100       |  |  |               |

#### 订货举例 Ordering mode

- 所需缸径: 32, 行程: 250, 基本型  
正确型号: MBB32-250
- 所需缸径: 63, 行程: 900, 内置磁环型  
正确型号: MDBB63-900
- (1)Cylinder dia needed:32,stroke:250,basic type right model:MBB32-250
- (2)Cylinder dia needed:63,stroke:900,inner magnet right model:MDBB63-900



#### 构造图/零件表 Conformation fig/parts list

##### 主要零件 Partst

| 编号No. | 名称Name                     | 材料Material                    |
|-------|----------------------------|-------------------------------|
| 1     | 杆盖 Rod cover               | 压铸铝 Compressedforged aluminum |
| 2     | 端盖 Cover                   | 压铸铝 Compressedforged aluminum |
| 3     | 气缸管 Pipe                   | 铝合金 Al alloy                  |
| 4     | 活塞杆 Pistion rod            | 碳钢 C-stcel                    |
| 5     | 活塞 Pistion                 | 铝合金 Al alloy                  |
| 6     | 缓冲环 Buffering ring         | 黄铜 Brass                      |
| 7     | 轴套 Axis sheath             | 铸铅青铜 Forged bronze            |
| 8     | 缓冲阀 Buffering valve        | 钢 Stcel                       |
| 9     | 保持圈 Retaining circle       | 钢 Stcel                       |
| 10    | 拉杆 Haul rod                | 碳钢 C-stcel                    |
| 11    | 拉杆螺母 Haul rod nut          | 碳钢 C-stcel                    |
| 12    | 耐磨环 Endurance ring         | 树脂 Colophony                  |
| 13    | 活塞杆螺母 Pistion rod nut      | 碳钢 C-stcel                    |
| 17    | 缓冲阀密封圈 Buffering seal ring | NBR                           |
| 19    | 活塞垫 Pistion cushion        | NBR                           |

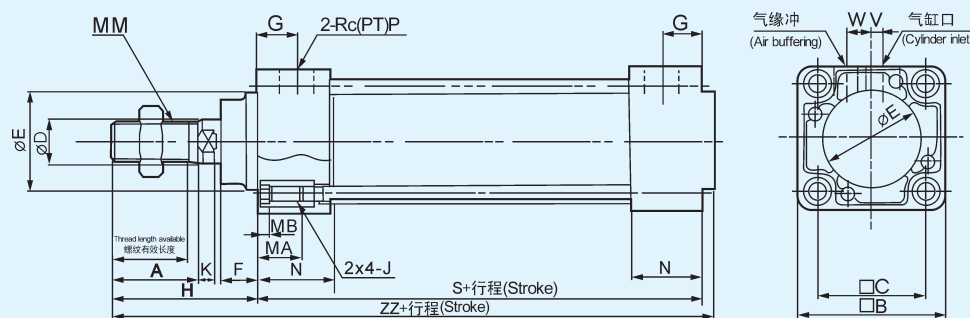
# MB系列标准气缸 (符合日本标准) MB Series Standard Cylinder (In accordance with Japanese standard)

## 密封圈 Seal ring

| 编号<br>No.              | 名称 Name                     | 材料<br>Material | 零件号 Parts No.  |                |                |                |                |                |
|------------------------|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                        |                             |                | φ 32           | φ 40           | φ 50           | φ 63           | φ 80           | φ 100          |
| 14                     | 缓冲密封圈 Buffering seal ring   | NBR            | MC-16          | MC-20          | MC-25          | MC-25          | MC-30          | MC-35          |
| 15                     | 活塞杆密封圈 Piston rod seal ring |                | PDU-12LZ       | PDU-16Z        | PDU-20Z        | PDU-20Z        | PDU-25Z        | PDU-30Z        |
| 16                     | 活塞密封圈 Piston seal ring      |                | PPD-32         | PPD-40         | PPD-50         | PPD-63         | PPD-80         | PPD-100        |
| 18                     | 气缸管密封圈 Pipe seal ring       |                | MB-32-16-C1247 | MB-40-16-C1248 | MB-50-16-C1249 | MB-63-16-C1250 | MB-80-16-C1251 | MB-AO-16-C1252 |
| 密封圈套件型号 Seal ring type |                             |                | MB32-PS        | MB40-PS        | MB50-PS        | MB63-PS        | MB80-PS        | MB100-PS       |

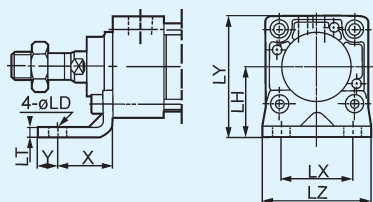
## 外形尺寸 Overall Dimension

φ 32~ φ 100

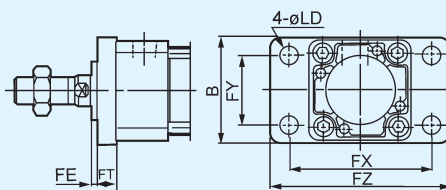


| 缸径<br>Diameter | 行程范围<br>Stroke range | 螺纹有效长度<br>Thread length available | A  | □B  | □C   | φD | φE | F  | G    | MA | MB | J       | K  | MM       | N    | P   | S   | V    | W    | H  | ZZ  |
|----------------|----------------------|-----------------------------------|----|-----|------|----|----|----|------|----|----|---------|----|----------|------|-----|-----|------|------|----|-----|
| 32             | ~500                 | 19.5                              | 22 | 46  | 32.5 | 12 | 30 | 13 | 13   | 16 | 4  | M6x1.0  | 6  | M10x1.25 | 27   | 1/8 | 84  | 4    | 6.5  | 47 | 135 |
| 40             | ~500                 | 27                                | 30 | 52  | 38   | 16 | 35 | 13 | 14   | 16 | 4  | M6x1.0  | 6  | M14x1.5  | 27   | 1/4 | 84  | 4    | 9    | 51 | 139 |
| 50             | ~600                 | 32                                | 35 | 65  | 46.5 | 20 | 40 | 14 | 15.5 | 16 | 5  | M8x1.25 | 7  | M18x1.5  | 31.5 | 1/4 | 94  | 5    | 10.5 | 58 | 156 |
| 63             | ~600                 | 32                                | 35 | 75  | 56.5 | 20 | 45 | 14 | 16.5 | 16 | 5  | M8x1.25 | 7  | M18x1.5  | 31.5 | 3/8 | 94  | 9    | 12   | 58 | 156 |
| 80             | ~750                 | 37                                | 40 | 95  | 72   | 25 | 45 | 20 | 19   | 16 | 5  | M10x1.5 | 10 | M22x1.5  | 38   | 3/8 | 114 | 11.5 | 14   | 72 | 190 |
| 100            | ~750                 | 37                                | 40 | 114 | 89   | 30 | 55 | 20 | 19   | 16 | 5  | M10x1.5 | 10 | M26x1.5  | 38   | 1/2 | 114 | 17   | 15   | 72 | 190 |

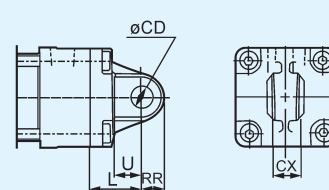
## 脚座 Foot seat



## 法兰 Flange



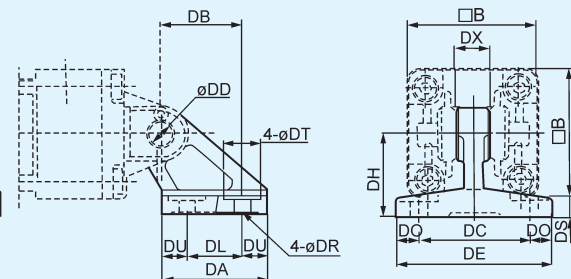
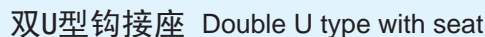
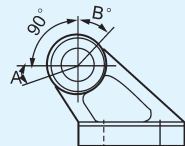
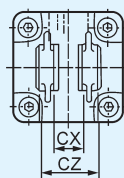
## 单U型钩 Single U type



| 适用缸径 (mm)<br>Cylinder dia | 脚座 Foot seat     |    |    |     |    |     |     |    |       |     |     | 法兰 Flange        |     |     |    |    |     |    |     | 单U型钩 Single U type |    |      |    |     |    |
|---------------------------|------------------|----|----|-----|----|-----|-----|----|-------|-----|-----|------------------|-----|-----|----|----|-----|----|-----|--------------------|----|------|----|-----|----|
|                           | 零件号<br>Parts No. | X  | Y  | φLD | LH | LS  | LT  | LX | LY    | LZ  | Z Z | 零件号<br>Parts No. | B   | φFD | FE | FT | FX  | FY | FZ  | 零件号<br>Parts No.   | L  | RR   | U  | φCD | CX |
| 32                        | MB-L03           | 22 | 9  | 7   | 30 | 128 | 3.2 | 32 | 53    | 50  | 162 | MB-F03           | 50  | 7   | 3  | 10 | 64  | 32 | 79  | MB-C03             | 23 | 10.5 | 13 | 10  | 14 |
| 40                        | MB-L04           | 24 | 11 | 9   | 33 | 132 | 3.2 | 38 | 59    | 55  | 170 | MB-F04           | 55  | 9   | 3  | 10 | 72  | 36 | 90  | MB-C04             | 23 | 11   | 13 | 10  | 14 |
| 50                        | MB-L05           | 27 | 11 | 9   | 40 | 148 | 3.2 | 46 | 72.5  | 70  | 190 | MB-F05           | 70  | 9   | 2  | 12 | 90  | 45 | 110 | MB-C05             | 30 | 15   | 17 | 14  | 20 |
| 63                        | MB-L06           | 27 | 14 | 12  | 45 | 148 | 3.6 | 56 | 82.5  | 80  | 193 | MB-F06           | 80  | 9   | 2  | 12 | 100 | 50 | 120 | MB-C06             | 30 | 15   | 17 | 14  | 20 |
| 80                        | MB-L08           | 30 | 14 | 12  | 55 | 174 | 4.5 | 72 | 102.5 | 100 | 230 | MB-F08           | 100 | 12  | 4  | 16 | 126 | 63 | 153 | MB-C08             | 42 | 23   | 26 | 22  | 30 |
| 100                       | MB-L10           | 32 | 16 | 14  | 65 | 178 | 4.5 | 89 | 122   | 120 | 234 | MB-F10           | 120 | 14  | 4  | 16 | 150 | 75 | 178 | MB-C10             | 42 | 23   | 26 | 22  | 30 |

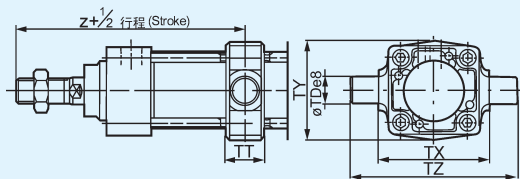
## MB系列标准气缸(符合日本标准)

双U型钩 Double U type

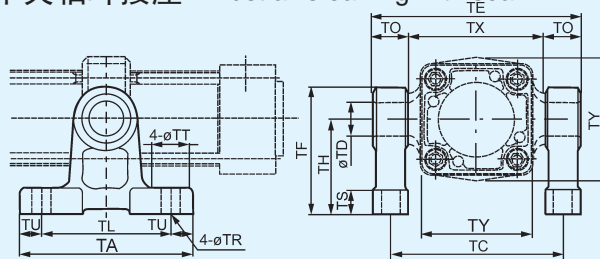


| 适用缸径<br>Cylinder dia | 双U型钩 Double U type |    |      |    |      |    |    |     |       | 双U型钩接座 Double U type with seat |     |    |    |    |      |    |    |     |      |      |      |    |    |      |     |     |
|----------------------|--------------------|----|------|----|------|----|----|-----|-------|--------------------------------|-----|----|----|----|------|----|----|-----|------|------|------|----|----|------|-----|-----|
|                      | 零件号 Parts No.      | L  | RR   | U  | φ CD | CX | CZ | Z   | ZZ    | 零件号 Parts No.                  | □B  | DA | DB | DL | DU   | DC | DX | DE  | DO   | φ DR | φ DT | DS | DH | φ DD | A°  | B°  |
| 32                   | MB-D03             | 23 | 10.5 | 13 | 10   | 14 | 28 | 154 | 164.5 | MB-B03                         | 46  | 42 | 32 | 22 | 10   | 44 | 14 | 62  | 9    | 6.6  | 15   | 7  | 33 | 10   | 25° | 45° |
| 40                   | MB-D04             | 23 | 11   | 13 | 10   | 14 | 28 | 158 | 169   | MB-B03                         | 52  | 42 | 32 | 22 | 10   | 44 | 14 | 62  | 9    | 6.6  | 15   | 7  | 33 | 10   | 25° | 45° |
| 50                   | MB-D05             | 30 | 15   | 17 | 14   | 20 | 40 | 182 | 197   | MB-B05                         | 65  | 53 | 43 | 30 | 11.5 | 60 | 20 | 81  | 10.5 | 9    | 18   | 8  | 45 | 14   | 40° | 60° |
| 63                   | MB-D06             | 30 | 15   | 17 | 14   | 20 | 40 | 182 | 197   | MB-B05                         | 75  | 53 | 43 | 30 | 11.5 | 60 | 20 | 81  | 10.5 | 9    | 18   | 8  | 45 | 14   | 40° | 60° |
| 80                   | MB-D08             | 42 | 23   | 26 | 22   | 30 | 60 | 228 | 251   | MB-B08                         | 95  | 73 | 64 | 45 | 14   | 86 | 30 | 111 | 25   | 11   | 22   | 10 | 65 | 22   | 30° | 55° |
| 100                  | MB-D10             | 42 | 23   | 26 | 22   | 30 | 60 | 228 | 251   | MB-B08                         | 114 | 73 | 64 | 45 | 14   | 86 | 30 | 111 | 25   | 11   | 22   | 10 | 65 | 22   | 30° | 55° |

中央轴耳 Midst axis earring

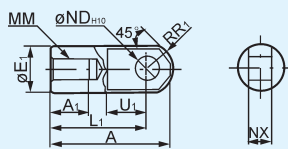


中央轴耳接座 Midst axis earring with seal

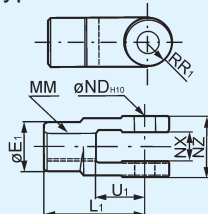


| 通用缸径<br>(mm)<br>Cylinder dia | 中央轴耳<br>Midst axis earring |      |    |     |     |     |     | 中央轴耳接座<br>Midsl axis earring with seal |     |    |     |     |     |     |    |      |     |    |    |     |     |     |      |
|------------------------------|----------------------------|------|----|-----|-----|-----|-----|--|-----|----|-----|-----|-----|-----|----|------|-----|----|----|-----|-----|-----|------|
|                              | 气缸带耳轴型号<br>Type            | ΦDe8 | TT | TX  | TY  | TZ  | Z   | 零件号Parts no                            | TA  | TL | TU  | TC  | TX  | TE  | TO | ΦTR  | ΦTT | TS | TH | TF  | TY  | Z   | ΦDe8 |
| 32                           | MBT32-行程                   | 12   | 17 | 50  | 49  | 74  | 89  | MB-S03                                 | 62  | 45 | 8.5 | 62  | 50  | 74  | 12 | 7    | 13  | 10 | 35 | 47  | 49  | 89  | 12   |
| 40                           | MBT40-行程                   | 16   | 22 | 63  | 58  | 95  | 93  | MB-S04                                 | 80  | 60 | 10  | 79  | 63  | 95  | 17 | 9    | 17  | 12 | 45 | 60  | 58  | 93  | 16   |
| 50                           | MBT50-行程                   | 16   | 22 | 75  | 71  | 107 | 105 | MB-S04                                 | 80  | 60 | 10  | 91  | 75  | 107 | 17 | 9    | 17  | 12 | 45 | 60  | 71  | 105 | 16   |
| 63                           | MBT63-行程                   | 20   | 28 | 90  | 87  | 130 | 105 | MB-S06                                 | 100 | 70 | 15  | 110 | 90  | 130 | 20 | 11   | 22  | 14 | 60 | 78  | 87  | 105 | 20   |
| 80                           | MBT80-行程                   | 20   | 34 | 110 | 110 | 150 | 129 | MB-S06                                 | 100 | 70 | 15  | 130 | 110 | 150 | 20 | 11   | 22  | 14 | 60 | 78  | 110 | 129 | 20   |
| 100                          | MBT100-行程                  | 25   | 40 | 132 | 136 | 182 | 129 | MB-S10                                 | 120 | 90 | 15  | 155 | 132 | 180 | 25 | 13.5 | 24  | 17 | 75 | 100 | 136 | 129 | 25   |

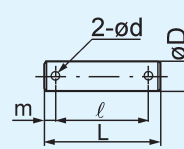
### I型单肘节接头 Type I single elbow connector



Y型双肘节接头  
Type Y double elbow connector



销子  
Pin



| 适用缸径<br>(mm)<br>Cylinder dia | 零件号Parts No. | I型单肘节接头 Type I single elbow connector |    |      |    |          |      |    |      |    |              | Y型双肘节接头 TypeY double elbow connector |    |          |    |    |      |    |    |              |     | 肘节接头销子 Pin |    |     |     |  |  |
|------------------------------|--------------|---------------------------------------|----|------|----|----------|------|----|------|----|--------------|--------------------------------------|----|----------|----|----|------|----|----|--------------|-----|------------|----|-----|-----|--|--|
|                              |              | A                                     | A1 | φ E1 | L1 | MM       | R1   | U1 | φ ND | NX | 零件号Parts No. | φ E1                                 | L1 | MM       | R1 | U1 | φ ND | NX | NZ | 零件号Parts No. | φ D | L          | l  | m   | φ d |  |  |
| 32                           | I-03M        | 40                                    | 14 | 20   | 30 | M10x1.25 | 12   | 16 | 10   | 14 | Y-03M        | 20                                   | 30 | M10x1.25 | 10 | 16 | 10   | 14 | 28 | CD-M03       | 10  | 44         | 36 | 4   | 3   |  |  |
| 40                           | I-04M        | 50                                    | 19 | 22   | 40 | M14x1.5  | 12.5 | 19 | 10   | 14 | Y-04M        | 22                                   | 40 | M14x1.5  | 11 | 19 | 10   | 14 | 28 | CD-M03       | 10  | 44         | 36 | 4   | 3   |  |  |
| 50-63                        | I-05M        | 64                                    | 24 | 28   | 50 | M18x1.5  | 16.5 | 24 | 14   | 20 | Y-05M        | 28                                   | 50 | M18x1.5  | 14 | 24 | 14   | 20 | 40 | CD-M05       | 14  | 60         | 51 | 4.5 | 4   |  |  |
| 80                           | I-08M        | 80                                    | 26 | 40   | 60 | M22x1.5  | 23.5 | 34 | 22   | 30 | Y-08M        | 40                                   | 65 | M22x1.5  | 20 | 34 | 22   | 30 | 60 | CD-M08       | 22  | 82         | 72 | 5   | 4   |  |  |
| 100                          | I-10M        | 80                                    | 26 | 40   | 60 | M26x1.5  | 23.5 | 34 | 22   | 30 | Y-10M        | 40                                   | 65 | M26x1.5  | 20 | 34 | 22   | 30 | 60 | CD-M08       | 22  | 82         | 72 | 5   | 4   |  |  |



# 薄型气缸 Thin Type Cylinder



## 订购码 Ordering Code

**SDA**
**型号**

SDA: 复动型

SSA: 单动伸出型

STA: 单动引入型

SDAD: 双轴复动型

SDAJ: 复动可调行程型

**Type**

SDA: Double Action

SSA: Single Action Extrusion type

STA: Single Action Drawing-in Type

SDAD: Dual Axis Double Acting Type

SDAJ: Double Acting Damping Adjustable Type

**S**
**磁石代号**

S: 附磁石

空白: 不附磁

**Magnet Code**

S: attach magnet

Blank: not attach magnet

**20**
**缸径**

Cylinder Bore

**30**
**行程**

Stroke

**B**
**牙型**

空白: 内牙

B: 外牙

N: 无牙

**Cog Type**

Blank: inner cog

B: outer cog

N: no cog

## 规格 Specification

| 内径 / Bore (mm)                        | 12                      | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 |
|---------------------------------------|-------------------------|----|----|----|----|----|----|----|----|-----|
| 动作形式<br>Motion Pattern                | 复动型 / Double Action     |    |    |    |    |    |    |    |    |     |
| 工作介质<br>Working Medium                | 空气 / Air                |    |    |    |    |    |    |    |    |     |
| 使用压力范围<br>Operating Pressure Range    | 0.1~0.9 MPa             |    |    |    |    |    |    |    |    |     |
| 保证耐压力<br>Ensured Pressure Resistance  | 1.35 MPa                |    |    |    |    |    |    |    |    |     |
| 使用温度范围<br>Operating Temperature Range | -5~70℃                  |    |    |    |    |    |    |    |    |     |
| 使用速度范围<br>Operating Speed Range       | 30~500 mm/s             |    |    |    |    |    |    |    |    |     |
| 缓冲型式<br>Buffer type                   | 固定式缓冲 Fixed Type Buffer |    |    |    |    |    |    |    |    |     |
| 接管口径<br>Joint Pipe Bore               | M5 x 0.8                |    |    |    |    |    |    |    |    |     |

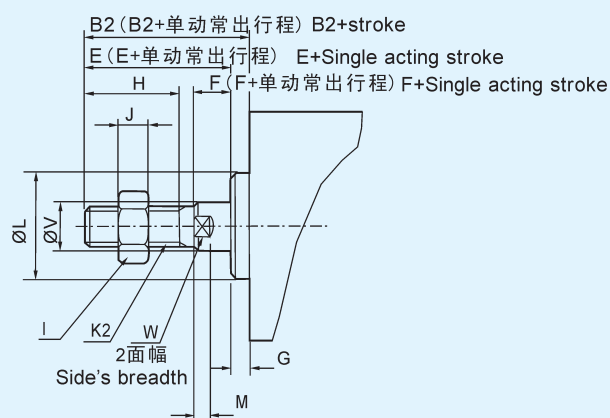
## 行程 Stroke

| 内径 Bore (mm)         | 12                       | 16   | 20   | 25   | 32  | 40   | 50  | 63 | 80 | 100 |
|----------------------|--------------------------|--|--|--|---|--|---|----|----|-----|
| 复动型<br>Double Action | 不附磁<br>Not attach magnet | 5~60 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 5~85 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 5~90 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 100~110 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 5~90 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 100~130 mm<br>每5mm一级<br>Every 5mm is grouped as one grade |    |    |     |
| 单动型<br>Single Action | 附磁型<br>Attach magnet     | 5~50 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 5~75 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 5~90 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 100mm   | 5~90 mm<br>每5mm一级<br>Every 5mm is grouped as one grade | 100~120 mm<br>每5mm一级<br>Every 5mm is grouped as one grade |    |    |     |
| 最大行程<br>Max. Stroke  | 60mm                     | 100mm  | 120mm  | 130mm  |   |  |   |    |    |     |

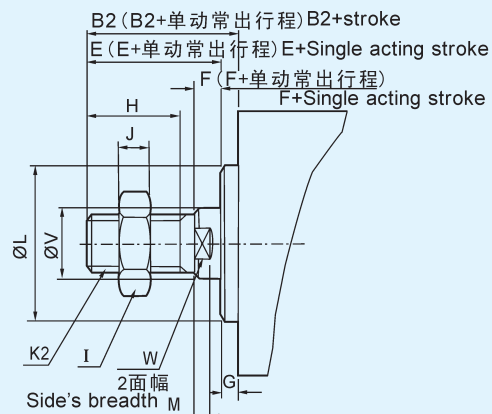
## 薄型气缸 Thin Type Cylinder

### 外牙尺寸 Outer Cog Dimension

Φ 12~ Φ 16



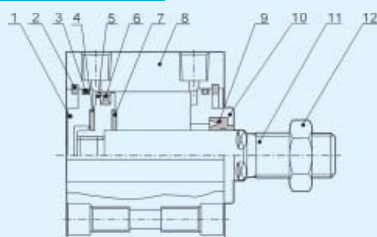
Φ 20~ Φ 100



| 缸径 / 符号<br>Bore / Symbol | B2   | E  | F | G   | H  | I  | J  | K2         | L    | M   | V  | W  |
|--------------------------|------|----|---|-----|----|----|----|------------|------|-----|----|----|
| 12                       | 17   | 16 | 4 | 1   | 10 | 8  | 4  | M5 x 0.8   | 10.2 | 2.8 | 6  | 5  |
| 16                       | 17.5 | 16 | 4 | 1.5 | 10 | 8  | 4  | M5 x 0.8   | 11   | 2.8 | 6  | 5  |
| 20                       | 20.5 | 19 | 4 | 1.5 | 13 | 10 | 5  | M6 x 1.0   | 15   | 2.8 | 8  | 6  |
| 25                       | 23   | 21 | 4 | 2   | 15 | 12 | 6  | M8 x 1.25  | 17   | 2.8 | 10 | 8  |
| 32                       | 25   | 22 | 4 | 3   | 15 | 17 | 6  | M10 x 1.25 | 22   | 2.8 | 12 | 10 |
| 40                       | 35   | 32 | 4 | 3   | 25 | 19 | 8  | M14 x 1.5  | 28   | 2.8 | 16 | 14 |
| 50                       | 37   | 33 | 5 | 4   | 25 | 27 | 11 | M18 x 1.5  | 38   | 2.8 | 20 | 17 |
| 63                       | 37   | 33 | 5 | 4   | 25 | 27 | 11 | M18 x 1.5  | 40   | 2.8 | 20 | 17 |
| 80                       | 44   | 39 | 6 | 5   | 30 | 32 | 13 | M22 x 1.5  | 45   | 4   | 25 | 22 |
| 100                      | 50   | 45 | 7 | 5   | 35 | 36 | 13 | M26 x 1.5  | 55   | 4   | 32 | 27 |

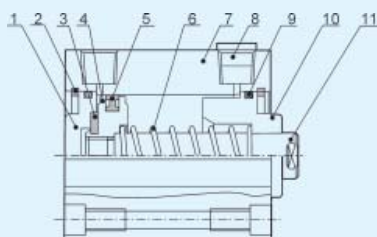
### 内部结构 Inner structure

SDA型 Type



| 序号 No. | 名称 Name                     | 序号 No. | 名称 Name                 |
|--------|-----------------------------|--------|-------------------------|
| 1      | 后盖 Back cover               | 2      | C型扣环 Type C buckle ring |
| 3      | 前后盖O令 O-ring                | 4      | 防撞垫片 Anti-crash cushion |
| 5      | 活塞 Piston                   | 6      | 活塞O令 Piston O-ring      |
| 7      | 防撞垫片 Anti-crash cushion     | 8      | 本体 Body                 |
| 9      | 前盖密封圈 Front cover seal ring | 10     | 前盖 Front cover          |
| 11     | 活塞杆 Piston rod              | 12     | 螺母 Nut                  |

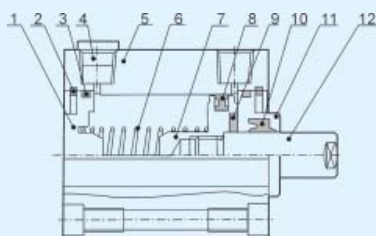
SSA型 Type



| 序号 No. | 名称 Name                 | 序号 No. | 名称 Name                 |
|--------|-------------------------|--------|-------------------------|
| 1      | 后盖 Back cover           | 2      | C型扣环 Type C buckle ring |
| 3      | 防撞垫片 Anti-crash cushion | 4      | 活塞 Piston               |
| 5      | 活塞O令 Piston O-ring      | 6      | 压缩弹簧 Compressed spring  |
| 7      | 本体 Body                 | 8      | 消音器 Silencer            |
| 9      | 前后盖O令 O-ring            | 10     | 前盖 Front cover          |
| 11     | 活塞杆 Piston rod          |        |                         |

# 薄型气缸 Thin Type Cylinder

## STA型 Type

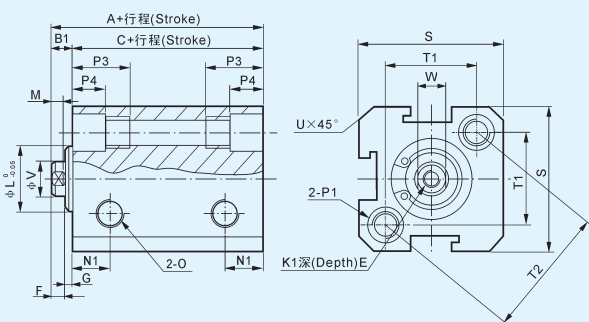


| 序号 No. | 名称 Name                    | 序号 No. | 名称 Name                         |
|--------|----------------------------|--------|---------------------------------|
| 1      | 后盖<br>Back cover           | 2      | C型扣环<br>Type C buckle ring      |
| 3      | 前后盖O令<br>O-ring            | 4      | 消音器<br>Silencer                 |
| 5      | 本体<br>Body                 | 6      | 压缩弹簧<br>Compressed spring       |
| 7      | 活塞<br>Piston               | 8      | 活塞O令<br>Piston O-ring           |
| 9      | 防撞垫片<br>Anti-carsh cushion | 10     | 前盖密封圈<br>Frount cover seal ring |
| 11     | 前盖<br>Front cover          | 12     | 活塞杆<br>Piston rod               |

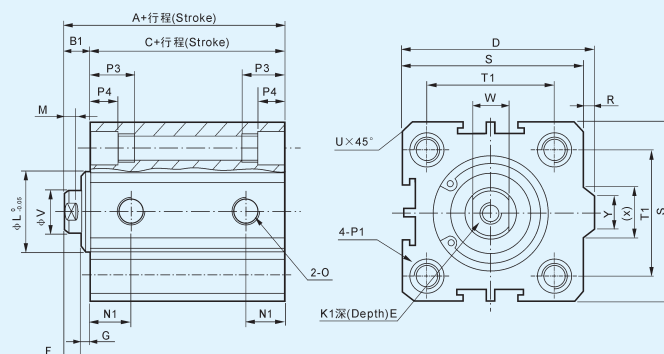
## 外形尺寸 Overall Dimension

### SDA、SDAS型 Type

φ 12~ φ 16



φ 20~ φ 100



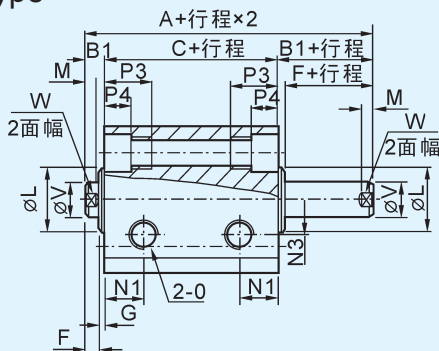
| 型式Type                    | 标准型Standard type |        |  | 附磁型With magnet type |     |      | D    | E                 |                   | F   | G   | K1                |                   | L    | M   | N1   |      |    |
|---------------------------|------------------|--------|--|---------------------|-----|------|------|-------------------|-------------------|-----|-----|-------------------|-------------------|------|-----|------|------|----|
| 内径/符号<br>Bore Size/Symbol | A                | B1     | C  | A                   | B1  | C    |      | 行程≤10<br>(Stroke) | 行程>10<br>(Stroke) |     |     | 行程≤10<br>(Stroke) | 行程>10<br>(Stroke) |      |     |      |      |    |
| 12                        | 22               | 5      | 17   | 32                  | 5   | 27   | -    | 6                 |                   | 4   | 1   | M3X0.5            |                   | 10.2 | 2.8 | 6.3  |      |    |
| 16                        | 24               | 5.5    | 18.5   | 34                  | 5.5 | 28.5 | -    | 6                 |                   | 4   | 1.5 | M3X0.5            |                   | 11   | 2.8 | 7.3  |      |    |
| 20                        | 25               | 5.5    | 19.5   | 35                  | 5.5 | 29.5 | 36   | 8                 |                   | 4   | 1.5 | M4X0.7            |                   | 15   | 2.8 | 7.5  |      |    |
| 25                        | 27               | 6      | 21   | 37                  | 6   | 31   | 42   | 10                |                   | 4   | 2   | M5X0.8            |                   | 17   | 2.8 | 8    |      |    |
| 32                        | 31.5             | 7      | 24.5   | 41.5                | 7   | 34.5 | 50   | 12                |                   | 4   | 3   | M6X1              |                   | 22   | 2.8 | 9    |      |    |
| 40                        | 33               | 7      | 26   | 43                  | 7   | 36   | 58.5 | 12                |                   | 4   | 3   | M8X1.25           |                   | 28   | 2.8 | 10   |      |    |
| 50                        | 37               | 9      | 28   | 47                  | 9   | 38   | 71.5 | 15                |                   | 5   | 4   | M10X1.5           |                   | 38   | 2.8 | 10.5 |      |    |
| 63                        | 41               | 9      | 32   | 51                  | 9   | 42   | 84.5 | 15                |                   | 5   | 4   | M10X1.5           |                   | 40   | 2.8 | 11.8 |      |    |
| 80                        | 52               | 11     | 41   | 62                  | 11  | 51   | 104  | 15                | 20                | 6   | 5   | M14X1.5           |                   | 45   | 4   | 14.5 |      |    |
| 100                       | 63               | 12     | 51   | 73                  | 12  | 61   | 124  | 18                | 20                | 7   | 5   | M18X1.5           |                   | 55   | 4   | 20.5 |      |    |
| 内径/符号<br>Bore Size/Symbol | N3               | O      | P1   |                     |     |      |      | P3                | P4                | R   | S   | T1                | T2                | U    | V   | W    | X    | Y  |
| 12                        | 6                | M5X0.8 | 双边: φ 6.5牙 M5x0.8通孔: φ 4.2<br>Both sides: φ 6.5 cong M5x0.8 ports: φ 4.2   |                     |     |      |      | 12                | 4.5               | -   | 25  | 16.2              | 23                | 1.6  | 6   | 5    | -    | -  |
| 16                        | 6.5              | M5X0.8 | 双边: φ 6.5牙 M5x0.8通孔: φ 4.2<br>Both sides: φ 6.5 cong M5x0.8 ports: φ 4.2   |                     |     |      |      | 12                | 4.5               | -   | 29  | 19.8              | 28                | 1.6  | 6   | 5    | -    | -  |
| 20                        | -                | M5X0.8 | 双边: φ 6.5牙 M5x0.8通孔: φ 4.2<br>Both sides: φ 6.5 cong M5x0.8 ports: φ 4.2   |                     |     |      |      | 14                | 4.5               | 2   | 34  | 24                | -                 | 2.1  | 8   | 6    | 11.3 | 10 |
| 25                        | -                | M5X0.8 | 双边: φ 8.2牙 M6x1.0通孔: φ 4.6<br>Both sides: φ 8.2 cong M6x1.0 ports: φ 4.6   |                     |     |      |      | 15                | 5.5               | 2   | 40  | 28                | -                 | 3.1  | 10  | 8    | 12   | 10 |
| 32                        | -                | PT1/8  | 双边: φ 8.2牙 M6x1.0通孔: φ 4.6<br>Both sides: φ 8.2 cong M6x1.0 ports: φ 4.6   |                     |     |      |      | 16                | 5.5               | 6   | 44  | 34                | -                 | 2.15 | 12  | 10   | 18.3 | 15 |
| 40                        | -                | PT1/8  | 双边: φ 10牙 M8x1.25通孔: φ 6.5<br>Both sides: φ 10 cong M8x1.25 ports: φ 6.5   |                     |     |      |      | 20                | 7.5               | 6.5 | 52  | 40                | -                 | 2.25 | 16  | 14   | 21.3 | 16 |
| 50                        | -                | PT1/4  | 双边: φ 11牙 M8x1.25通孔: φ 6.5<br>Both sides: φ 11 cong M8x1.25ports: φ 6.5    |                     |     |      |      | 25                | 8.5               | 9.5 | 62  | 48                | -                 | 4.15 | 20  | 17   | 30   | 20 |
| 63                        | -                | PT1/4  | 双边: φ 11牙 M8x1.25通孔: φ 6.5<br>Both sides: φ 11congM8x1.25ports: φ 6.5      |                     |     |      |      | 25                | 8.5               | 9.5 | 75  | 60                | -                 | 3.15 | 20  | 17   | 28.7 | 20 |
| 80                        | -                | PT3/8  | 双边: φ 14牙 M12x1.75通孔: φ 9.2<br>Both sides: φ 14 cong M12x1.75 ports: φ 9.2 |                     |     |      |      | 25                | 10.5              | 10  | 94  | 74                | -                 | 3.65 | 25  | 22   | 36   | 26 |
| 100                       | -                | PT3/8  | 双边: φ 17.5牙 M14x2通孔: φ 11.3<br>Both sides: φ 17.5 cong M14x2 ports: φ 11.3 |                     |     |      |      | 30                | 13                | 10  | 114 | 90                | -                 | 3.65 | 32  | 27   | 35   | 26 |

# 薄型气缸 Thin Type Cylinder

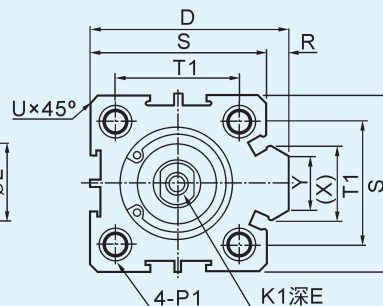
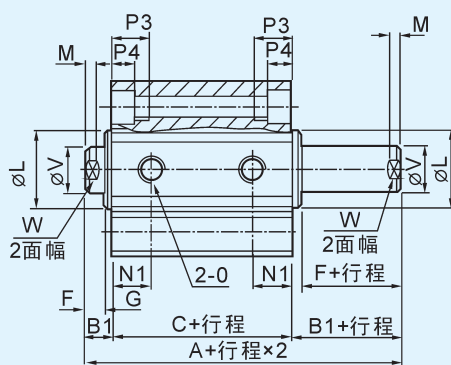
## 外形尺寸 Overall Dimension

### SDAD、SDADS型 Type

φ 12~ φ 16



φ 20~ φ 100



面幅(Width)  
行程(Stroke)  
深(Depth)

| 型式Type                    | 不附磁 No magnet |     |      | 附磁型With magnet type |     |      | D    | E                       |                   | F | G   | K1      | L    | M   | N1   |
|---------------------------|---------------|-----|------|---------------------|-----|------|------|-------------------------|-------------------|---|-----|---------|------|-----|------|
| 内径/符号<br>Bore Size/Symbol | A             | B1  | C    | A                   | B1  | C    |      | 行程≤10<br>(Stroke)       | 行程>10<br>(Stroke) |   |     |         |      |     |      |
| 12                        | 27            | 5   | 17   | 37                  | 5   | 27   | -    | 6                       |                   | 4 | 1   | M3X0.5  | 10.2 | 2.8 | 6.3  |
| 16                        | 29.5          | 5.5 | 18.5 | 39.5                | 5.5 | 28.5 | -    | 6                       |                   | 4 | 1.5 | M3X0.5  | 11   | 2.8 | 7.3  |
| 20                        | 30.5          | 5.5 | 19.5 | 40.5                | 5.5 | 29.5 | 36   | 8(行程stroke=5时为/itis6.5) |                   | 4 | 1.5 | M4X0.7  | 15   | 2.8 | 7.5  |
| 25                        | 33            | 6   | 21   | 43                  | 6   | 31   | 42   | 10(行程stroke=5时为/itis7)  |                   | 4 | 2   | M5X0.8  | 17   | 2.8 | 8    |
| 32                        | 38.5          | 7   | 24.5 | 48.5                | 7   | 34.5 | 50   | 8                       | 12                | 4 | 3   | M6X1    | 22   | 2.8 | 9    |
| 40                        | 40            | 7   | 26   | 50                  | 7   | 36   | 58.5 | 9                       | 12                | 4 | 3   | M8X1.25 | 28   | 2.8 | 10   |
| 50                        | 46            | 9   | 28   | 56                  | 9   | 38   | 71.5 | 11                      | 15                | 5 | 4   | M10X1.5 | 38   | 2.8 | 10.5 |
| 63                        | 50            | 9   | 32   | 60                  | 9   | 42   | 84.5 | 11                      | 15                | 5 | 4   | M10X1.5 | 40   | 2.8 | 11.8 |
| 80                        | 63            | 11  | 41   | 73                  | 11  | 51   | 104  | 14                      | 20                | 6 | 5   | M14X1.5 | 45   | 4   | 14.5 |
| 100                       | 75            | 12  | 51   | 85                  | 12  | 61   | 124  | 18                      | 20                | 7 | 5   | M18X1.5 | 55   | 4   | 20.5 |

| 内径/符号<br>Bore Size/Symbol | N3  | O      | P1   |  | P3 | P4   | R   | S   | T1   | T2 | U    | V  | W  | X    | Y  |
|---------------------------|-----|--------|--|--|----|------|-----|-----|------|----|------|----|----|------|----|
| 12                        | 6   | M5X0.8 | 双边: φ 6.5牙 M5x0.8通孔: φ 4.2<br>Both sides: φ 6.5 cong M5x0.8 ports: φ 4.2   |  | 12 | 4.5  | -   | 25  | 16.2 | 23 | 1.6  | 6  | 5  | -    | -  |
| 16                        | 6.5 | M5X0.8 | 双边: φ 6.5牙 M5x0.8通孔: φ 4.2<br>Both sides: φ 6.5 cong M5x0.8 ports: φ 4.2   |  | 12 | 4.5  | -   | 29  | 19.8 | 28 | 1.6  | 6  | 5  | -    | -  |
| 20                        | -   | M5X0.8 | 双边: φ 6.5牙 M5x0.8通孔: φ 4.2<br>Both sides: φ 6.5 cong M5x0.8 ports: φ 4.2   |  | 14 | 4.5  | 2   | 34  | 24   | -  | 2.1  | 8  | 6  | 11.3 | 10 |
| 25                        | -   | M5X0.8 | 双边: φ 8.2牙 M6x1.0通孔: φ 4.6<br>Both sides: φ 8.2 cong M6x1.0 ports: φ 4.6   |  | 15 | 5.5  | 2   | 40  | 28   | -  | 3.1  | 10 | 8  | 12   | 10 |
| 32                        | -   | PT1/8  | 双边: φ 8.2牙 M6x1.0通孔: φ 4.6<br>Both sides: φ 8.2 cong M6x1.0 ports: φ 4.6   |  | 16 | 5.5  | 6   | 44  | 34   | -  | 2.15 | 12 | 10 | 18.3 | 15 |
| 40                        | -   | PT1/8  | 双边: φ 10牙 M8x1.25通孔: φ 6.5<br>Both sides: φ 10 cong M8x1.25 ports: φ 6.5   |  | 20 | 7.5  | 6.5 | 52  | 40   | -  | 2.25 | 16 | 14 | 21.3 | 16 |
| 50                        | -   | PT1/4  | 双边: φ 11牙 M8x1.25通孔: φ 6.5<br>Both sides: φ 11 cong M8x1.25 ports: φ 6.5   |  | 25 | 8.5  | 9.5 | 62  | 48   | -  | 4.15 | 20 | 17 | 30   | 20 |
| 63                        | -   | PT1/4  | 双边: φ 11牙 M8x1.25通孔: φ 6.5<br>Both sides: φ 11congM8x1.25ports: φ 6.5      |  | 25 | 8.5  | 9.5 | 75  | 60   | -  | 3.15 | 20 | 17 | 28.7 | 20 |
| 80                        | -   | PT3/8  | 双边: φ 14牙 M12x1.75通孔: φ 9.2<br>Both sides: φ 14 cong M12x1.75 ports: φ 9.2 |  | 25 | 10.5 | 10  | 94  | 74   | -  | 3.65 | 25 | 22 | 36   | 26 |
| 100                       | -   | PT3/8  | 双边: φ 17.5牙 M14x2通孔: φ 11.3<br>Both sides: φ 17.5 cong M14x2 ports: φ 11.3 |  | 30 | 13   | 10  | 114 | 90   | -  | 3.65 | 32 | 27 | 35   | 26 |

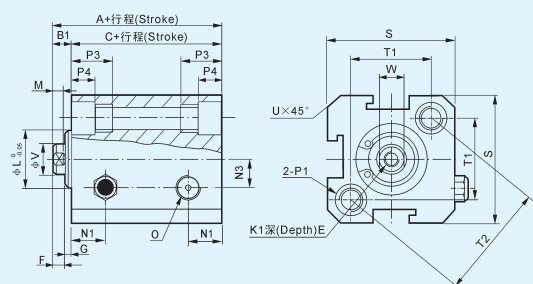


# 薄型气缸 Thin Type Cylinder

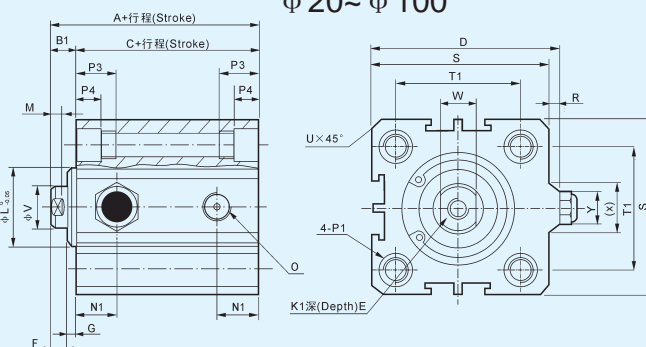
## 外形尺寸 Overall Dimension

### SSA、SSAS型 Type

φ 12~ φ 16

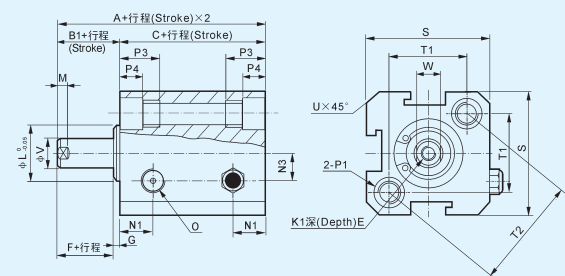


φ 20~ φ 100

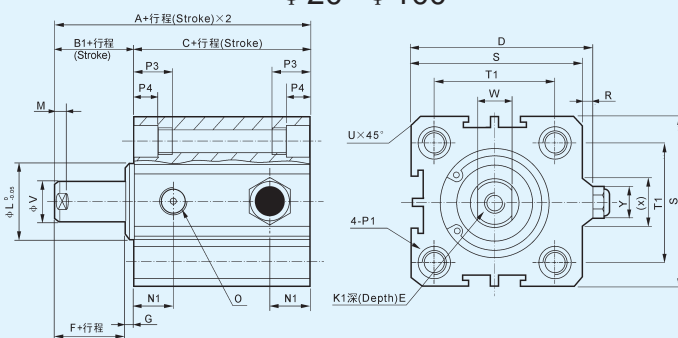


### STA、STAS型 Type

φ 12~ φ 16



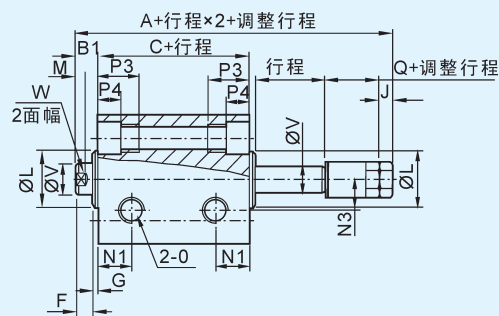
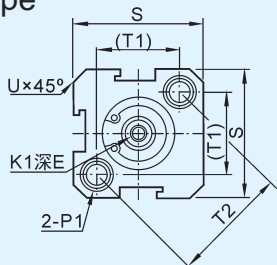
φ 20~ φ 100



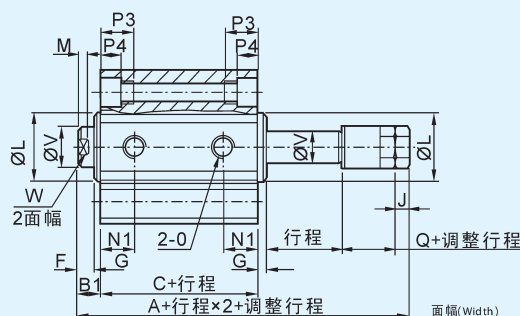
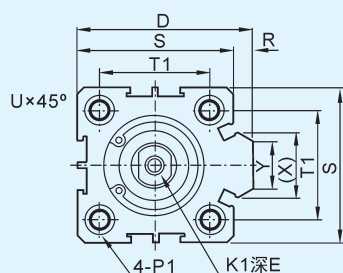
| 型 式 / Type                       | 标准型Standard type |      |                            |      | 附磁型Attach magnet     |      |                             |     |      |      | D    | E  | F    | G   | K1        |      | L   | M    | N1  | N3 |
|----------------------------------|------------------|------|----------------------------|------|----------------------|------|-----------------------------|-----|------|------|------|----|------|-----|-----------|------|-----|------|-----|----|
| 内径Bore / 符号Symbol<br>行程 / Stroke | A                |      | B1                         | C    |                      | A    |                             | B1  | C    |      |      |    |      |     |           |      |     |      |     |    |
|                                  | ≤10              | >10  |                            | ≤10  | >10                  | ≤10  | >10                         |     | ≤10  | >10  |      |    |      |     |           |      |     |      |     |    |
| 12                               | 32               | 42   | 5                          | 27   | 37                   | 42   | 52                          | 5   | 37   | 47   | -    | 6  | 4    | 1   | M3 x 0.5  | 10.2 | 2.8 | 6.3  | 6   |    |
| 16                               | 34               | 44   | 5.5                        | 28.5 | 38.5                 | 44   | 54                          | 5.5 | 38.5 | 48.5 | -    | 6  | 4    | 1.5 | M3 x 0.5  | 11   | 2.8 | 7.3  | 6.5 |    |
| 20                               | 35               | 45   | 5.5                        | 29.5 | 39.5                 | 45   | 55                          | 5.5 | 39.5 | 49.5 | 36   | 8  | 4    | 1.5 | M4 x 0.7  | 15   | 2.8 | 7.5  | -   |    |
| 25                               | 37               | 47   | 6                          | 34   | 41                   | 47   | 57                          | 6   | 41   | 51   | 42   | 10 | 4    | 2   | M5 x 0.8  | 17   | 2.8 | 8    | -   |    |
| 32                               | 41.5             | 51.5 | 7                          | 34.5 | 44.5                 | 51.5 | 61.5                        | 7   | 44.5 | 54.5 | 50   | 12 | 4    | 3   | M6 x 1    | 22   | 2.8 | 9    | -   |    |
| 40                               | 43               | 53   | 7                          | 36   | 46                   | 53   | 63                          | 7   | 46   | 56   | 58.5 | 12 | 4    | 3   | M8 x 1.25 | 28   | 2.8 | 10   | -   |    |
| 内径 / 符号<br>Bore / Symbol         | O                |      | P1                         |      |                      |      |                             |     |      | P3   | P4   | R  | S    | T1  | T2        | U    | V   | W    | X   | Y  |
| 12                               | M5 x 0.8         |      | 双 边 : φ 6.5<br>Double Side |      | 牙 : M5 x 0.8<br>Cog  |      | 通 孔 : φ 4.2<br>Through Hole |     | 12   | 4.5  | -    | 25 | 16.2 | 23  | 1.6       | 6    | 5   | -    | -   |    |
| 16                               | M5 x 0.8         |      | 双 边 : φ 6.5<br>Double Side |      | 牙 : M5 x 0.8<br>Cog  |      | 通 孔 : φ 4.2<br>Through Hole |     | 12   | 4.5  | -    | 29 | 19.8 | 28  | 1.6       | 6    | 5   | -    | -   |    |
| 20                               | M5 x 0.8         |      | 双 边 : φ 6.5<br>Double Side |      | 牙 : M5 x 0.8<br>Cog  |      | 通 孔 : φ 4.2<br>Through Hole |     | 14   | 4.5  | 2    | 34 | 24   | -   | 2.1       | 8    | 6   | 11.3 | 10  |    |
| 25                               | M5 x 0.8         |      | 双 边 : φ 8.2<br>Double Side |      | 牙 : M6 x 1.0<br>Cog  |      | 通 孔 : φ 4.6<br>Through Hole |     | 15   | 5.5  | 2    | 40 | 28   | -   | 3.1       | 10   | 8   | 12   | 10  |    |
| 32                               | PT1/8            |      | 双 边 : φ 8.2<br>Double Side |      | 牙 : M6 x 1.0<br>Cog  |      | 通 孔 : φ 4.6<br>Through Hole |     | 16   | 5.5  | 6    | 44 | 34   | -   | 2.15      | 12   | 10  | 18.3 | 15  |    |
| 40                               | PT1/8            |      | 双 边 : φ 10<br>Double Side  |      | 牙 : M8 x 1.25<br>Cog |      | 通 孔 : φ 6.5<br>Through Hole |     | 20   | 7.5  | 6.5  | 52 | 40   | -   | 2.25      | 16   | 14  | 21.3 | 16  |    |

SDAJ、SDAJS型 Type

φ 12~ φ 16



φ 20~ φ 100



| 型式 / Type<br>内径 / 符号<br>Bore / Symbol | 标准型<br>Standard type |     |      | 附磁型<br>Attach magnet |     |      | D    | E                 |                   | F | G   | K1        | L    | M   | N1   | N3  |
|---------------------------------------|----------------------|-----|------|----------------------|-----|------|------|-------------------|-------------------|---|-----|-----------|------|-----|------|-----|
|                                       | A                    | B1  | C    | A                    | B1  | C    |      | 行程≤10<br>(Stroke) | 行程>10<br>(Stroke) |   |     |           |      |     |      |     |
| 12                                    | 22                   | 5   | 17   | 32                   | 5   | 27   | -    | 6                 |                   | 4 | 1   | M3 x 0.5  | 10.2 | 2.8 | 6.3  | 6   |
| 16                                    | 24                   | 5.5 | 18.5 | 34                   | 5.5 | 28.5 | -    | 6                 |                   | 4 | 1.5 | M3 x 0.5  | 11   | 2.8 | 7.3  | 6.5 |
| 20                                    | 25                   | 5.5 | 19.5 | 35                   | 5.5 | 29.5 | 36   | 8                 |                   | 4 | 1.5 | M4 x 0.7  | 15   | 2.8 | 7.5  | -   |
| 25                                    | 27                   | 6   | 21   | 37                   | 6   | 31   | 42   | 10                |                   | 4 | 2   | M5 x 0.8  | 17   | 2.8 | 8    | -   |
| 32                                    | 31.5                 | 7   | 24.5 | 41.5                 | 7   | 34.5 | 50   | 12                |                   | 4 | 3   | M6 x 1    | 22   | 2.8 | 9    | -   |
| 40                                    | 33                   | 7   | 26   | 43                   | 7   | 36   | 58.5 | 12                |                   | 4 | 3   | M8 x 1.25 | 28   | 2.8 | 10   | -   |
| 50                                    | 37                   | 9   | 28   | 47                   | 9   | 38   | 71.5 | 15                |                   | 5 | 4   | M10 x 1.5 | 38   | 2.8 | 10.5 | -   |
| 63                                    | 41                   | 9   | 32   | 51                   | 9   | 42   | 84.5 | 15                |                   | 5 | 4   | M10 x 1.5 | 40   | 2.8 | 11.8 | -   |
| 80                                    | 52                   | 11  | 41   | 62                   | 11  | 51   | 104  | 15                | 20                | 6 | 5   | M14 x 1.5 | 45   | 4   | 14.5 | -   |
| 100                                   | 63                   | 12  | 51   | 73                   | 12  | 61   | 124  | 18                | 20                | 7 | 5   | M18 x 1.5 | 55   | 4   | 20.5 | -   |

| 内径 / 符号<br>Bore / Symbol | O        | P1  | P3 | P4   | R   | S   | T1   | T2 | U    | V  | W  | X    | Y  |
|--------------------------|----------|---|----|------|-----|-----|------|----|------|----|----|------|----|
| 12                       | M5 x 0.8 | 双 边 : φ 6.5<br>Double Side<br>牙 : M5 x 0.8<br>Cog<br>通 孔 : φ 4.2<br>Through Hole    | 12 | 4.5  | -   | 25  | 16.2 | 23 | 1.6  | 6  | 5  | -    | -  |
| 16                       | M5 x 0.8 | 双 边 : φ 6.5<br>Double Side<br>牙 : M5 x 0.8<br>Cog<br>通 孔 : φ 4.2<br>Through Hole    | 12 | 4.5  | -   | 29  | 19.8 | 28 | 1.6  | 6  | 5  | -    | -  |
| 20                       | M5 x 0.8 | 双 边 : φ 6.5<br>Double Side<br>牙 : M5 x 0.8<br>Cog<br>通 孔 : φ 4.2<br>Through Hole    | 14 | 4.5  | 2   | 34  | 24   | -  | 2.1  | 8  | 6  | 11.3 | 10 |
| 25                       | M5 x 0.8 | 双 边 : φ 6.5<br>Double Side<br>牙 : M6 x 1.0<br>Cog<br>通 孔 : φ 4.6<br>Through Hole    | 15 | 5.5  | 2   | 40  | 28   | -  | 3.1  | 10 | 8  | 12   | 10 |
| 32                       | PT1/8    | 双 边 : φ 6.5<br>Double Side<br>牙 : M6 x 1.0<br>Cog<br>通 孔 : φ 4.6<br>Through Hole    | 16 | 5.5  | 6   | 44  | 34   | -  | 2.15 | 12 | 10 | 18.3 | 15 |
| 40                       | PT1/8    | 双 边 : φ 6.5<br>Double Side<br>牙 : M8 x 1.25<br>Cog<br>通 孔 : φ 6.5<br>Through Hole   | 20 | 7.5  | 6.5 | 52  | 40   | -  | 2.25 | 16 | 14 | 21.3 | 16 |
| 50                       | PT1/4    | 双 边 : φ 6.5<br>Double Side<br>牙 : M8 x 1.25<br>Cog<br>通 孔 : φ 6.5<br>Through Hole   | 25 | 8.5  | 9.5 | 62  | 48   | -  | 4.15 | 20 | 17 | 30   | 20 |
| 63                       | PT1/4    | 双 边 : φ 6.5<br>Double Side<br>牙 : M8 x 1.25<br>Cog<br>通 孔 : φ 6.5<br>Through Hole   | 25 | 8.5  | 9.5 | 75  | 60   | -  | 3.15 | 20 | 17 | 28.7 | 20 |
| 80                       | PT3/8    | 双 边 : φ 6.5<br>Double Side<br>牙 : M12 x 1.75<br>Cog<br>通 孔 : φ 9.2<br>Through Hole  | 25 | 10.5 | 10  | 94  | 74   | -  | 3.65 | 25 | 22 | 36   | 26 |
| 100                      | PT3/8    | 双 边 : φ 6.5<br>Double Side<br>牙 : M12 x 1.75<br>Cog<br>通 孔 : φ 11.3<br>Through Hole | 30 | 13   | 10  | 114 | 90   | -  | 3.65 | 32 | 27 | 35   | 26 |

## MA6432不锈钢迷你缸(ISO6432)

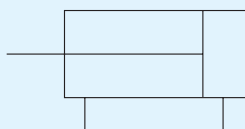
### MA6432 Stainless Steel Mini Cylinder (ISO6432)



#### 订购码 Ordering Code

| MA6432  | - | U   |  | 20                         | X | 50                  | - | 25   |  | S   | - | LB   |
|---|---|---|--|----------------------------|---|---------------------|---|--|--|---|---|--|
| <b>型号</b><br>MA: 复动型<br>MSA: 单动型<br>MAC: 复动缓冲型<br>MAJ: 双轴可调型<br><b>Type</b><br>MA: Double Action<br>MSA: Single Action<br>MAC: Double buffering<br>MAJ: Double-shaft and adjustable stroke type |   | <b>后盖型式</b><br>空白: 摆尾型<br>CM: 圆尾型<br>U: 平尾型<br><b>Back Cover Type</b><br>Blank: Fishtail type<br>CM: Rounded type<br>U: Horizontal type |  | <b>缸径</b><br>Cylinder Bore |   | <b>行程</b><br>Stroke |   | <b>MAJ可调行程</b><br>MAJ adjustable stroke type |  | <b>磁石代号</b><br>空白: 不附磁石<br>S: 附磁石<br><b>Magnet Code</b><br>Blank: Not attach magnet<br>S: attach magnet |   | <b>固定型式</b><br>空白: 基本型<br>LB: 前后固定型<br>FA: 前盖固定型<br>SDB: 后盖摇摆式<br><b>Fixed Type</b><br>Blank: basic type<br>LB: Front and back fixed type<br>FA: Front cover fixed type<br>SDB: Back cover swinging type |

#### 图形符号 Graphic Symbol



#### 规格 Specification

| 缸径(mm)       | Cylinder bore (mm)                | 8  | 10  | 12  | 16  | 20   | 25 |
|--------------|-----------------------------------|--|-----|-----|-----|------|----|
| 流体           | Fluid                             | 空气/Air   |     |     |     |      |    |
| 动作型式         | Motion pattern                    | 双动 Double Action   |     |     |     |      |    |
| 保证耐压力        | Ensured Pressure Resistance       | 1.5MPa(15.3kgf/cm <sup>2</sup> )   |     |     |     |      |    |
| 最高使用压力       | Max.pressure                      | 1.0MPa(10.2kgf/cm <sup>2</sup> )   |     |     |     |      |    |
| 最低使用压力       | Min.pressure                      | 0.1MPa(1kgf/cm <sup>2</sup> ) 0.05MPa(0.5kgf/cm <sup>2</sup> )             |     |     |     |      |    |
| 环境和流体温度      | Environment and fluid temp        | -20~+80℃(内置磁环型:最高60℃ Internal Magnetic Install by Tach strap:Type Max:60℃) |     |     |     |      |    |
| 活塞速度         | Piston velocity                   | 橡胶缓冲(标准) Rubber Bufer (Standard), 气缓冲(任选) Air Buffer (Option)              |     |     |     |      |    |
| 缓冲           | Buffer                            | 50~750mm/s   |     |     |     |      |    |
| 润滑           | Lubrication                       | 不需要 Needless   |     |     |     |      |    |
| 容许动能(kgf/cm) | Kinetic energy To Larence(kgf/cm) | 0.2  | 0.3 | 0.4 | 0.9 | 2.7  | 4  |
| 接管口径         | Joint Pipe Bore                   | M5X0.8   |     |     |     | G1/8 |    |

# MA6432不锈钢迷你缸(ISO6432)

## MA6432 Stainless Steel Mini Cylinder (ISO6432)

### 行程/磁性开关选择 Stroke/Magnetic Swith Options

| 缸径<br>Bore | 标准行程(mm)<br>Standard Stroke                 | 最长行程(mm)<br>Max.Stroke | 轨道安装型(mm)<br>Install by Orbit Type | 环带安装型<br>Install by Tach Strap Type |                           |
|------------|---|------------------------|------------------------------------|-------------------------------------|---------------------------|
|            |   |                        | 磁性开关<br>Magnetic Swith             | 磁性开关<br>Magnetic Swith              | 开关固定码<br>Swith Fixed Code |
| 8          | 10 25 40 50 80 100 125 160 200              | 400                    | D-A72L                             | D-C73L                              | BJ2-008                   |
| 10         |   |                        | D-A73L                             |                                     | BJ2-010                   |
| 12         | 10 25 40 50 80 100 125 160 200              |                        | D-A76L                             |                                     | BJ2-012                   |
| 16         |   |                        | D-A80L                             |                                     | BJ2-016                   |
|            |   |                        | D-F79L                             |                                     |                           |
| 20         | 25 40 50 80 100 125 150 160 175 200 250 300 | 1000                   | D-H7BL                             | D-H7A1L                             | BM2-020                   |
| 25         |   |                        | -                                  | D-H7BL                              | BM2-025                   |

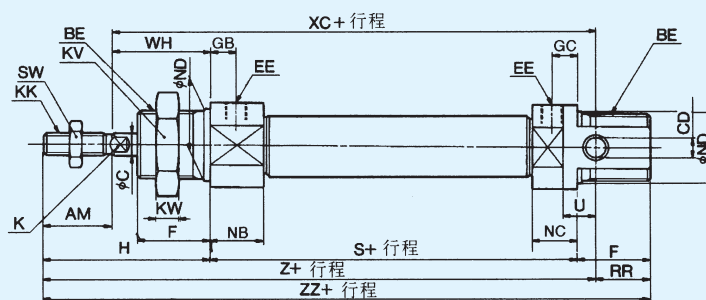
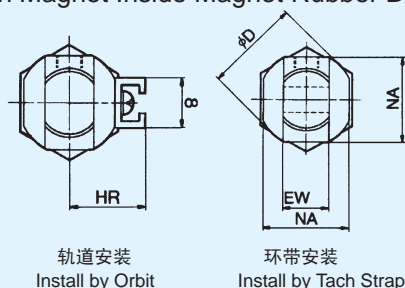
注1) 在非标准行程可供选择 Note1:In non-Standard Stroke Options

注2) 磁性开关规格及特性可参阅磁性开关之系列。Note2:The specification and characteristics of Magnetic switch refer to the Magnetic Switches Series.

### 外形尺寸 Overall Dimension

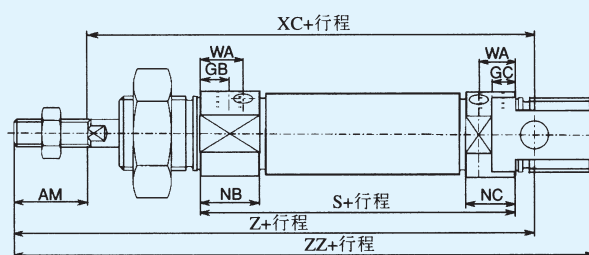
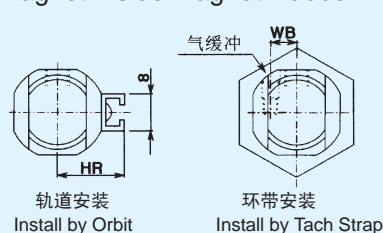
无内置磁环及有内置  
磁环橡胶缓冲

Non Magnet Inside Magnet Rubber Buffer



无内置磁环及有内置  
磁环气缓冲

Non Magnet Inside Magnet Rubber Buffer



### 尺寸表 Dimension Sheet

| 缸径<br>Bore | AM | BE       | ΦC | ΦCD | ΦD   | EE     | EW | F  | GB         | GC         | WA   | WB  | H  | HR   | K | KK       | KV | KW | NB             | NC             | NA | ΦND | RR | S          | SW | U  | WH | XC         | Z          | ZZ           |
|------------|----|----------|----|-----|------|--------|----|----|------------|------------|------|-----|----|------|---|----------|----|----|----------------|----------------|----|-----|----|------------|----|----|----|------------|------------|--------------|
| Φ8         | 12 | M12×1.25 | 4  | 4   | 17   | M5×0.8 | 8  | 12 | 7          | 5          | -    | -   | 28 | 10   | - | M4×0.7   | 19 | 6  | 11.5           | 9.5            | 15 | 12  | 10 | 46         | 7  | 6  | 16 | 64         | 76         | 86           |
| Φ10        | 12 | M12×1.25 | 4  | 4   | 17   | M5×0.8 | 8  | 12 | 7<br>(5.5) | 5<br>(5.5) | 10.5 | 4.5 | 28 | 10.5 | - | M4×0.7   | 19 | 6  | 11.5<br>(13.5) | 9.5<br>(13.5)  | 15 | 12  | 10 | 46<br>(53) | 7  | 6  | 16 | 64<br>(71) | 76<br>(83) | 86<br>(93)   |
| Φ12        | 16 | M16×1.5  | 6  | 6   | 20   | M5×0.8 | 12 | 17 | 8<br>(5.5) | 6<br>(5.5) | 9.5  | 5.5 | 38 | 14   | 5 | M6×1     | 24 | 8  | 12.5<br>(12.5) | 10.5<br>(12.5) | 18 | 16  | 14 | 50<br>(54) | 10 | 9  | 22 | 75<br>(79) | 91<br>(95) | 105<br>(109) |
| Φ16        | 16 | M16×1.5  | 6  | 6   | 20   | M5×0.8 | 12 | 17 | 8<br>(5.5) | 6<br>(5.5) | 9.5  | 5.5 | 38 | 14   | 5 | M6×1     | 24 | 8  | 12.5<br>(12.5) | 10.5<br>(12.5) | 18 | 16  | 13 | 56         | 10 | 9  | 22 | 82         | 98         | 111          |
| Φ20        | 20 | M22×1.5  | 8  | 8   | 28   | G1/8   | 16 | 20 | 8          | 8          | 17   | 8.5 | 44 | 17   | 6 | M8×1.25  | 32 | 11 | 15             | 15             | 24 | 22  | 11 | 62         | 13 | 12 | 24 | 95         | 115        | 126          |
| Φ25        | 25 | M25×1.5  | 10 | 8   | 33.5 | G1/8   | 16 | 22 | 8          | 8          | 20   | 10  | 50 | 20   | 8 | M10×1.25 | 32 | 11 | 15             | 15             | 30 | 22  | 11 | 65         | 17 | 12 | 28 | 104        | 126        | 137          |

※括弧内是气缓冲尺寸 Air Buffer Dimension in bracket



# MA不锈钢迷你缸 MA Stainless Steel Mini Cylinder



## 订购码 Ordering Code

| MA  | - | U   | 20   | X                          | 50                  | - | 25   | S   | - | LB   |
|---|---|---|--|----------------------------|---------------------|---|--|---|---|--|
| <b>型号</b><br>MA: 复动型<br>MSA: 单动伸出型<br>MAD: 双轴复动型<br>MACD: 双轴复动缓冲型<br>MAC: 复动缓冲型<br>MAJ: 双轴可调型 |   | <b>Type</b><br>MA: Double Action<br>MSA: Single Extrusion Type<br>MAD: Dual Axis Double Acting Type<br>MACD: Dual Axis Double Acting Damping Type<br>MAC: Double Buffering<br>MAJ: Double-shaft And Adjust Able Stroke Type | <b>后盖型式</b><br>空白: 摆尾型<br>CM: 圆尾型<br>U: 平尾型<br><b>Back Cover Type</b><br>Blank:: Fishtail type<br>CM: Rounded type<br>U: Horizontal type | <b>缸径</b><br>Cylinder Bore | <b>行程</b><br>Stroke |   | <b>MAJ可调行程</b><br>MAJ adjustable atroke type | <b>磁石代号</b><br>空白: 不附磁石<br>S: 附磁石<br><b>Magnet Code</b><br>Blank:Not attach magnet<br>S:attach magnet |   | <b>固定型式</b><br>空白: 基本型<br>LB: 前后固定型<br>FA: 前盖固定型<br>SDB: 后盖摆型式<br><b>Fixed Type</b><br>Blank: basic type<br>LB: Front and back fixed type<br>FA: Front cover fixed type<br>SDB: Back cover swinging type |

## 规格 Specification

| 内径 Bore (mm)                          | 16   | 20                        | 25                         | 32 | 40 | 50               | 63 |
|---------------------------------------|--|---------------------------|----------------------------|----|----|------------------|----|
| 动作形式<br>Motion Pattern                | 复动型或单动式 / Double Acting or Single Action       |                           |                            |    |    |                  |    |
| 工作介质<br>Working Medium                | 空气 / Air                                       |                           |                            |    |    |                  |    |
| 固定型式<br>Fixed Type                    | 基本型 / Basic type FA型/ type LB型/type SDB型 /type |                           |                            |    |    | 基本型 / Basic type |    |
| 使用压力范围<br>Operating Voltage Range     | 0.1~0.9 MPa                                    |                           |                            |    |    |                  |    |
| 保证耐压力<br>Ensured Pressure Resistance  | 1.35 MPa                                       |                           |                            |    |    |                  |    |
| 使用温度范围<br>Operating Temperature Range | -5~70℃   |                           |                            |    |    |                  |    |
| 使用速度范围<br>Operating Speed Range       | 50~800 mm/s                                    |                           |                            |    |    | 300~500          |    |
| 缓冲型式<br>Buffer Type                   | 标准型<br>Standard type                           | 防撞垫片 / Anti-crash cushion |                            |    |    |                  |    |
|                                       | 缓冲型<br>Damping type                            | —                         | 可调式缓冲 / Adjustable cushion |    |    |                  |    |
| 接管口径<br>Joint Pipe Bore               | M5 x 0.8                                       | PT1/8                     |                            |    |    | PT1/4            |    |

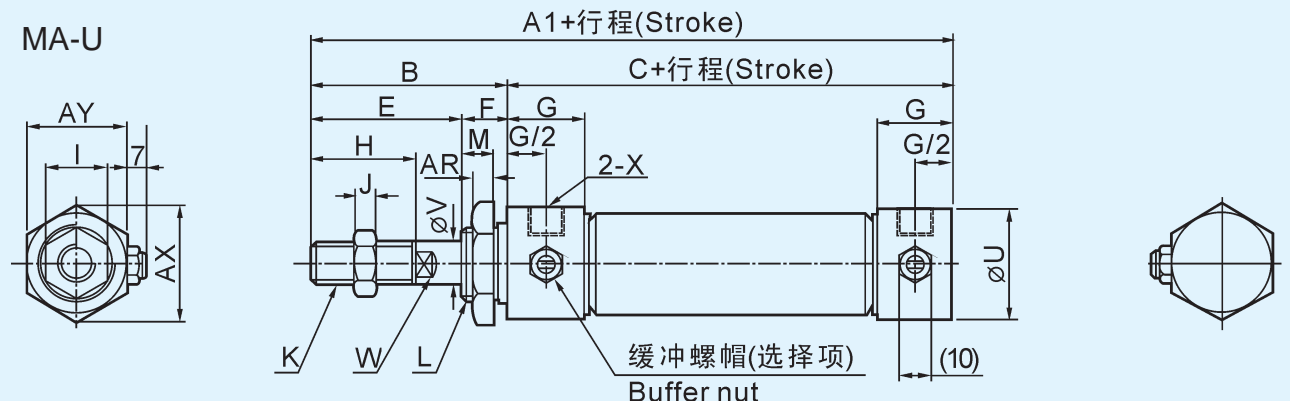
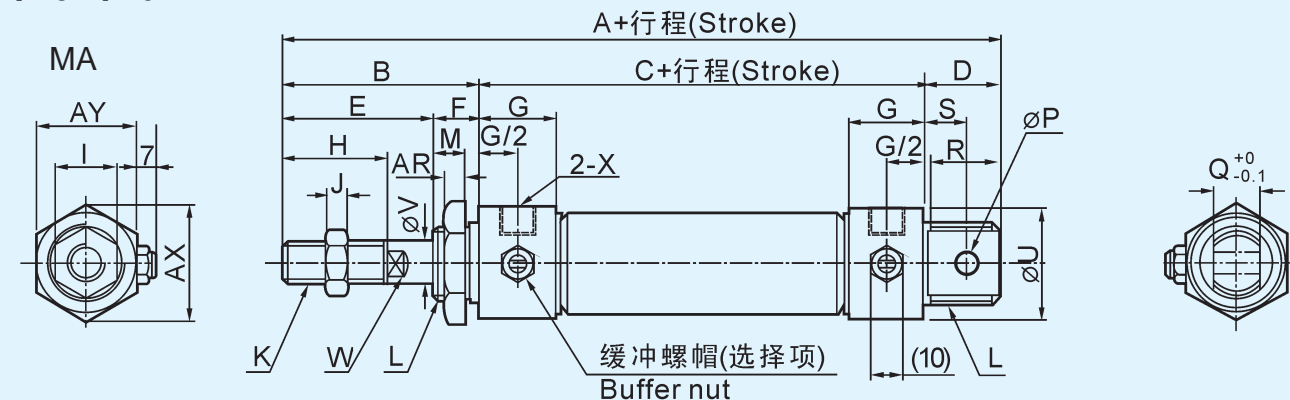
## 行程 Stroke

| 内径<br>Bore (mm) | 标准行程 / Standard Stroke |    |    |    |     |     |     |     |     |     |     |     |     |     |     | 最大行程<br>Max. Stroke | 容许行程<br>Permissible Stroke |
|-----------------|------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|----------------------------|
| 16              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 |     |     |     |     |     | 300                 | 500                        |
| 20              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 |     |     |     | 500                 | 650                        |
| 25              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500                 | 650                        |
| 32              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500                 | 650                        |
| 40              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500                 | 650                        |
| 50              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500                 | 650                        |
| 63              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500                 | 650                        |

# MA不锈钢迷你缸 MA Stainless Steel Mini Cylinder

## 外形尺寸 Overall Dimension

φ 16~ φ 40



| 内径 / 符号<br>Inside Diameter/Symbol | A         | A <sub>1</sub> | B  | C  | D  | E  | F    | G    | H  | I    | J  | K          |    |
|-----------------------------------|-----------|----------------|----|----|----|----|------|------|----|------|----|------------|----|
| 16                                | 114       | 98             | 38 | 60 | 16 | 22 | 16   | 10   | 16 | 10   | 5  | M6 x 1     |    |
| 20                                | 137       | 116            | 40 | 76 | 21 | 28 | 12   | 16   | 20 | 12   | 6  | M8 x 1.25  |    |
| 25                                | 141       | 120            | 44 | 76 | 21 | 30 | 14   | 16   | 22 | 17   | 6  | M10 x 1.25 |    |
| 32                                | 147       | 120            | 44 | 76 | 27 | 30 | 14   | 16   | 22 | 17   | 6  | M10 x 1.25 |    |
| 40                                | 149       | 122            | 46 | 76 | 27 | 32 | 14   | 16.7 | 24 | 17   | 7  | M12 x 1.25 |    |
| 内径 / 符号<br>Inside Diameter/Symbol | L         | M              | P  | Q  | R  | S  | U    | V    | W  | X    | AR | AX         | AY |
| 16                                | M16 x 1.5 | 14             | 6  | 12 | 14 | 9  | 21   | 6    | 5  | M5   | 6  | 25         | 22 |
| 20                                | M22 x 1.5 | 10             | 8  | 16 | 19 | 12 | 27   | 8    | 6  | G1/8 | 7  | 33         | 29 |
| 25                                | M22 x 1.5 | 12             | 8  | 16 | 19 | 12 | 30   | 10   | 8  | G1/8 | 7  | 33         | 29 |
| 32                                | M24 x 2.0 | 12             | 10 | 16 | 25 | 15 | 35   | 12   | 10 | G1/8 | 8  | 37         | 32 |
| 40                                | M30 x 2.0 | 12             | 12 | 20 | 25 | 15 | 41.6 | 16   | 14 | G1/8 | 9  | 47         | 41 |



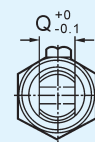
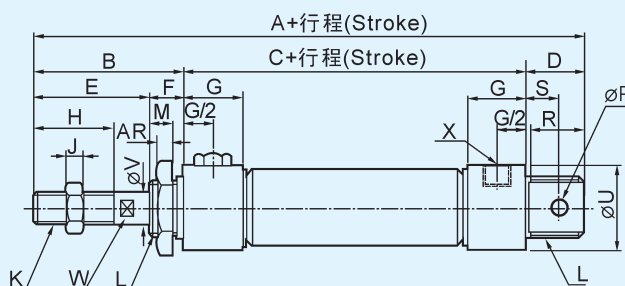
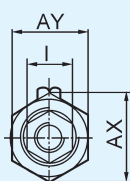
# MSA不锈钢迷你缸

## MSA Stainless Steel Mini Cylinder

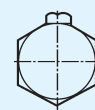
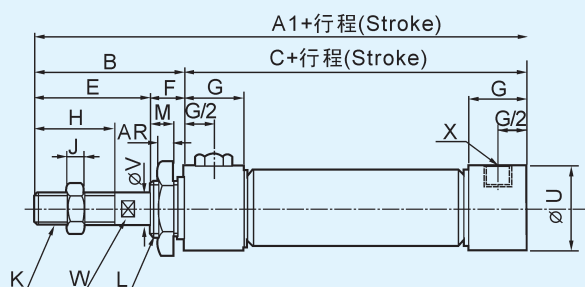
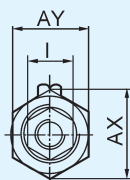
### 外形尺寸 Overall Dimension

Φ 16~ Φ 40

MSA



MSA-U



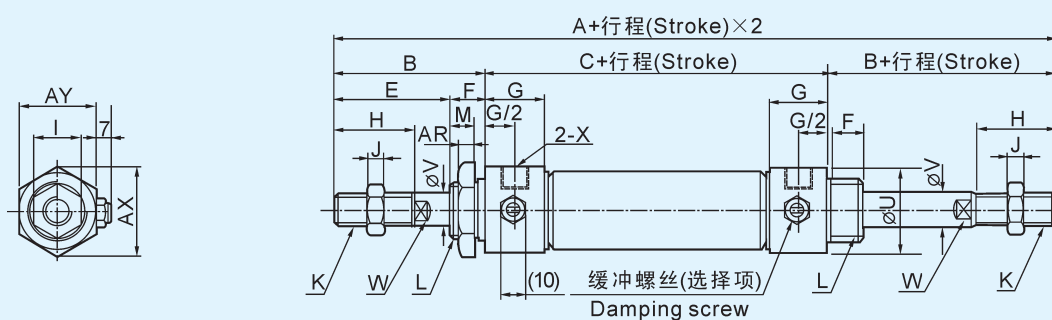
| 符号 / Symbol                       | A         |        | A1   |        | B  | C    |        | D  | E  | F        | G    | H  | I  | J | k          |
|-----------------------------------|-----------|--------|------|--------|----|------|--------|----|----|----------|------|----|----|---|------------|
| 缸径 / 行程<br>Bore / Stroke          | 0~50      | 51~100 | 0~50 | 51~100 |    | 0~50 | 51~100 |    |    |          |      |    |    |   |            |
| 16                                | 114       | 139    | 98   | 123    | 38 | 60   | 85     | 16 | 22 | 16       | 10   | 16 | 10 | 5 | M6 x 1     |
| 20                                | 137       | 162    | 116  | 141    | 40 | 76   | 101    | 21 | 28 | 12       | 16   | 20 | 12 | 6 | M8 x 1.25  |
| 25                                | 141       | 166    | 120  | 145    | 44 | 76   | 101    | 21 | 30 | 14       | 16   | 22 | 17 | 6 | M10 x 1.25 |
| 32                                | 147       | 172    | 120  | 145    | 44 | 76   | 101    | 27 | 30 | 14       | 16   | 22 | 17 | 6 | M10 x 1.25 |
| 40                                | 149       | 174    | 122  | 147    | 46 | 76   | 101    | 27 | 32 | 14       | 16.7 | 24 | 17 | 7 | M12 x 1.25 |
| 内径 / 符号<br>Inside Diameter/Symbol | L         | M      | P    | Q      | R  | S    | U      | V  | W  | X        | AR   | AX | AY |   |            |
| 16                                | M16 x 1.5 | 14     | 6    | 12     | 14 | 9    | 21     | 6  | 5  | M5 x 0.8 | 6    | 25 | 22 |   |            |
| 20                                | M22 x 1.5 | 10     | 8    | 16     | 19 | 12   | 27     | 8  | 6  | PT1/8    | 7    | 33 | 29 |   |            |
| 25                                | M22 x 1.5 | 12     | 8    | 16     | 19 | 12   | 30     | 10 | 8  | PT1/8    | 7    | 33 | 29 |   |            |
| 32                                | M24 x 2.0 | 12     | 10   | 16     | 25 | 15   | 35     | 12 | 10 | PT1/8    | 8    | 37 | 32 |   |            |
| 40                                | M30 x 2.0 | 12     | 12   | 20     | 25 | 15   | 41.6   | 16 | 14 | PT1/8    | 9    | 47 | 41 |   |            |



## MAD、MACD不锈钢迷你缸

#### 外形尺寸 Overall Dimension

φ 16~ φ 40



| 内径 / 符号<br>Inside Diameter/Symbol | A   | B  | C  | E  | F  | G    | H  | I  | J | K          | L         |
|-----------------------------------|-----|----|----|----|----|------|----|----|---|------------|-----------|
| 16                                | 136 | 38 | 60 | 22 | 16 | 10   | 16 | 10 | 5 | M6 x 1     | M16 x 1.5 |
| 20                                | 156 | 40 | 76 | 28 | 12 | 16   | 20 | 12 | 6 | M8 x 1.25  | M22 x 1.5 |
| 25                                | 164 | 44 | 76 | 30 | 14 | 16   | 22 | 17 | 6 | M10 x 1.25 | M22 x 1.5 |
| 32                                | 164 | 44 | 76 | 30 | 14 | 16   | 22 | 17 | 6 | M10 x 1.25 | M24x 2.0  |
| 40                                | 168 | 46 | 76 | 32 | 14 | 16.7 | 24 | 17 | 7 | M12 x 1.25 | M30 x 2.0 |
| 50                                | 199 | 52 | 95 | 32 | 20 | 23   | 24 | 19 | 8 | M14 x 1.5  | M36 x 2.0 |
| 60                                | 199 | 52 | 95 | 32 | 20 | 23   | 24 | 19 | 8 | M14 x 1.5  | M36 x 2.0 |

| 内径 / 符号<br>Inside Diameter/Symbol | M    | U    | V  | W  | X     | AR | AX | AY |
|-----------------------------------|------|------|----|----|-------|----|----|----|
| 16                                | 14   | 21   | 6  | 5  | M5    | 6  | 25 | 22 |
| 20                                | 10   | 27   | 8  | 6  | PT1/8 | 7  | 33 | 29 |
| 25                                | 12   | 30   | 10 | 8  | PT1/8 | 7  | 33 | 29 |
| 32                                | 12   | 35   | 12 | 10 | PT1/8 | 8  | 37 | 32 |
| 40                                | 12   | 41.6 | 16 | 14 | PT1/8 | 9  | 47 | 41 |
| 50                                | 14.5 | 53   | 16 | 14 | PT1/4 | 11 | 53 | 46 |
| 60                                | 14.5 | 67   | 16 | 14 | PT1/4 | 11 | 53 | 46 |

MAL 铝合金迷你缸  
MAL Aluminum alloy Mini Cylinder

## 订购码 Ordering Code

| MAL   | - | CA  | 20  | X | 50                         | - | 25  | S  | - | LB   |
|---|---|---|---|---|----------------------------|---|---|--|---|--|
| <b>型号</b><br>MAL: 复动型<br>MSAL: 单动型<br>MALD: 双轴复动型<br>MALJ: 复动可调型<br><b>Model</b><br>MAL: Double Action<br>MSAL: Single Action<br>MALD: Double-shaft Double Action<br>MALJ: Dual axis double acting Type |   | <b>后盖型式</b><br>空白: 摆尾型<br>CM: 圆尾型<br>U: 平尾型<br><b>Back Cover Type</b><br>Blank: Fishtail type<br>CM: Rounded type<br>U: Horizontal type | <b>缸径</b><br><b>Cylinder Bore</b><br>空白: 摆尾型<br>CM: 圆尾型<br>U: 平尾型<br>Blank: Fishtail type<br>CM: Rounded type<br>U: Horizontal type |   | <b>行程</b><br><b>Stroke</b> |   | <b>可调行程</b><br>25: 可调行程为25<br>30: 可调行程为30<br><b>Adjustable Stroke</b><br>25: Adjustable Stroke 25<br>30: Adjustable Stroke 30 | <b>磁石代号</b><br>S: 附磁石<br>空白: 不附磁<br><b>Magnet Code</b><br>S: attach magnet<br>Blank: not attach magnet |   | <b>固定型式</b><br>空白: 基本型<br>LB: 前后固定型<br>FA: 前盖固定型<br>SDB: 后盖摆摆式<br><b>Fixed Type</b><br>Blank: basic type<br>LB: front and back fixed type<br>FA: front cover fixed type<br>SDB: back cover swinging type |

## 规格 Specification

| 内径 Bore (mm)                          | 20  | 25 | 32 | 40    |
|---------------------------------------|---|----|----|-------|
| 动作形式<br>Motion Pattern                | 复动型或单动式 / Double Acting or Single Action        |    |    |       |
| 工作介质<br>Working Medium                | 空气 / Air  |    |    |       |
| 固定型式<br>Fixed Type                    | 基本型 / Basic type FA型/ type LB型/ type SDB型/ type |    |    |       |
| 使用压力范围<br>Operating Voltage Range     | 0.1~0.9 MPa                                     |    |    |       |
| 保证耐压力<br>Ensured Pressure Resistance  | 1.35 MPa  |    |    |       |
| 使用温度范围<br>Operating Temperature Range | -5~70℃  |    |    |       |
| 使用速度范围<br>Operating Speed Range       | 30~800 mm/s                                     |    |    |       |
| 接管口径<br>Joint Pipe Bore               | PT1/8   |    |    | PT1/4 |

## 行程 Stroke

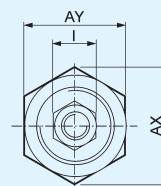
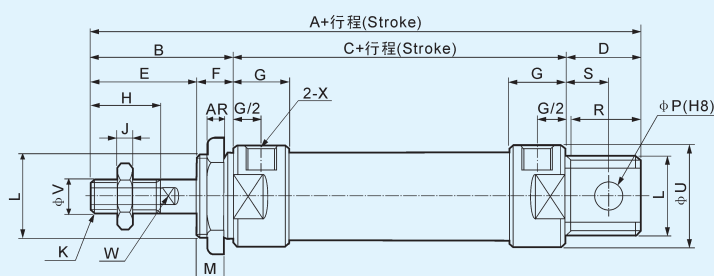
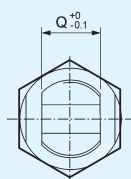
| 内径<br>Bore (mm) | 标准行程 / Standard Stroke |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     | 最大行程<br>Max. Stroke | 容许行程<br>Permissible Stroke |
|-----------------|------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|----------------------------|
| 20              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 |     |     |     |     | 500                 | 800                        |
| 25              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 800                 | 1200                       |
| 32              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 800                 | 1200                       |
| 40              | 25                     | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 1200                | 1500                       |

# MAL 铝合金迷你缸 MAL Aluminum alloy Mini Cylinder

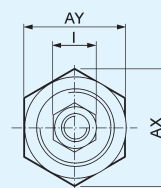
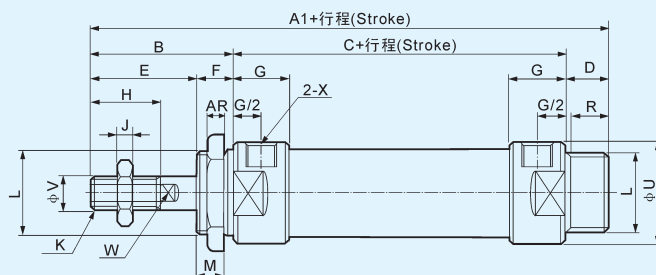
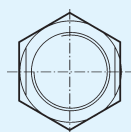
## 外形尺寸 Overall Dimension

φ 20~ φ 40

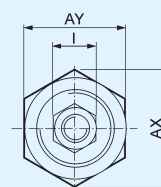
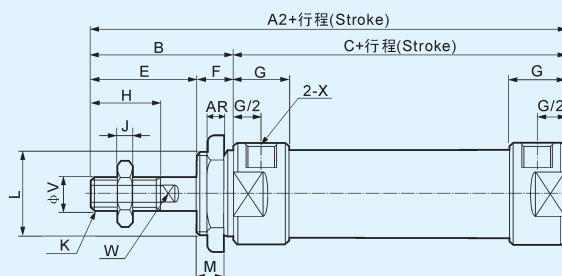
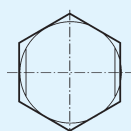
MAL



MAL-CM



MAL-U



| 内径 / 符号<br>Inside Diameter/Symbol | A   | A1  | A2  | B  | C  | D  | D1 | E  | F  | G  | H  | I  | J | K          |
|-----------------------------------|-----|-----|-----|----|----|----|----|----|----|----|----|----|---|------------|
| 20                                | 131 | 122 | 100 | 40 | 70 | 21 | 12 | 28 | 12 | 16 | 20 | 12 | 6 | M8 x 1.25  |
| 25                                | 135 | 128 | 114 | 44 | 70 | 21 | 14 | 30 | 14 | 16 | 22 | 17 | 6 | M10 x 1.25 |
| 32                                | 141 | 128 | 114 | 44 | 70 | 27 | 14 | 30 | 14 | 16 | 22 | 17 | 6 | M10 x 1.25 |
| 40                                | 165 | 152 | 138 | 46 | 92 | 27 | 14 | 32 | 14 | 22 | 24 | 17 | 7 | M12 x 1.25 |

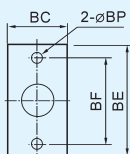
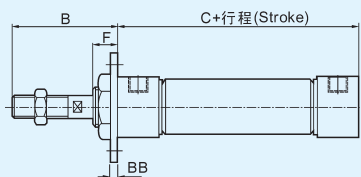
| 内径 / 符号<br>Inside Diameter/Symbol | L         | M  | P  | Q  | R  | R1 | S  | U    | V  | W  | X     | AR | AX | AY |
|-----------------------------------|-----------|----|----|----|----|----|----|------|----|----|-------|----|----|----|
| 20                                | M22 x 1.5 | 10 | 8  | 16 | 19 | 10 | 12 | 29   | 8  | 6  | PT1/8 | 7  | 33 | 29 |
| 25                                | M22 x 1.5 | 12 | 8  | 16 | 19 | 12 | 12 | 34   | 10 | 8  | PT1/8 | 7  | 33 | 29 |
| 32                                | M24 x 2.0 | 12 | 10 | 16 | 25 | 12 | 15 | 39.5 | 12 | 10 | PT1/8 | 8  | 37 | 32 |
| 40                                | M30 x 2.0 | 12 | 12 | 20 | 25 | 12 | 15 | 49.5 | 16 | 14 | PT1/4 | 9  | 47 | 41 |

## 迷你缸安装附件 Mini Cylinder Accessories

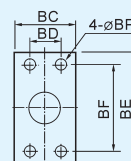
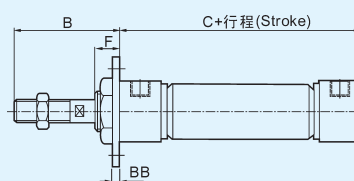
### 外形尺寸 Overall Dimension

#### FA型 Type

φ 16~φ 25

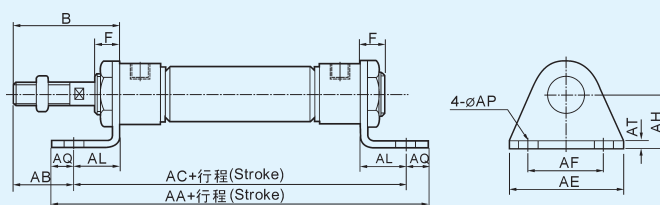


φ 32~φ 40



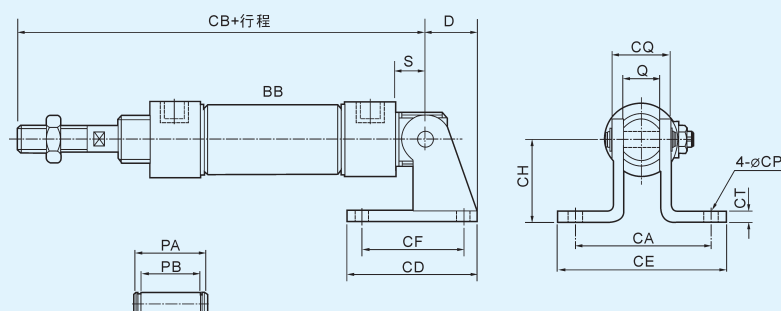
| 符号 / Symbol<br>内径 / 行程<br>Bore / Stroke | B  | C             |                | C(MSA系列/Series) |        | C(MSAL系列/Series) |        | BB | BC | BD | BE | BF | BP  | P  |
|---|----|---------------|----------------|-----------------|--------|------------------|--------|----|----|----|----|----|-----|----|
|   |    | (MA系列/Series) | (MAL系列/Series) | 0~50            | 51~100 | 0~50             | 51~100 |    |    |    |    |    |     |    |
| 16                                      | 38 | 60            | -              | 60              | 85     | -                | -      | 3  | 26 | -  | 52 | 40 | 5.5 | 16 |
| 20                                      | 40 | 76            | 70             | 76              | 101    | 70               | 95     | 4  | 38 | -  | 64 | 50 | 6.5 | 12 |
| 25                                      | 44 | 76            | 70             | 76              | 101    | 70               | 95     | 4  | 38 | -  | 64 | 50 | 6.5 | 14 |
| 32                                      | 44 | 76            | 70             | 76              | 101    | 70               | 95     | 4  | 47 | 33 | 72 | 58 | 6.5 | 14 |
| 40                                      | 46 | 76            | 92             | 76              | 101    | 92               | 117    | 4  | 50 | 36 | 84 | 70 | 6.5 | 14 |

#### LB型 Type



| 内径 / 符号<br>Bore / Stroke | B  | F  | AA<br>(MA系列/Series) | AA<br>(MAL系列/Series) | AA(MSA系列/Series) |        | AA(MSAL系列/Series) |        | AB | AC<br>(MA系列/Series) | AC<br>(MAL系列/Series) | AC(MSA系列/Series) |        | AC(MSAL系列/Series) |        | AE | AF | AL | AQ | AP  | AT  | AH |
|--------------------------|----|----|---------------------|----------------------|------------------|--------|-------------------|--------|----|---------------------|----------------------|------------------|--------|-------------------|--------|----|----|----|----|-----|-----|----|
|                          |    |    |                     |                      | 0~50             | 51~100 | 0~50              | 51~100 |    |                     |                      | 0~50             | 51~100 | 0~50              | 51~100 |    |    |    |    |     |     |    |
| 16                       | 38 | 16 | 98                  | -                    | 98               | 123    | -                 | -      | 25 | 86                  | -                    | 86               | 111    | -                 | -      | 44 | 32 | 13 | 6  | 5.5 | 3   | 20 |
| 20                       | 40 | 12 | 122                 | 116                  | 122              | 147    | 116               | 141    | 25 | 106                 | 100                  | 106              | 131    | 100               | 125    | 54 | 40 | 15 | 8  | 6.5 | 3   | 25 |
| 25                       | 44 | 14 | 122                 | 116                  | 122              | 147    | 116               | 141    | 29 | 106                 | 100                  | 106              | 131    | 100               | 125    | 54 | 40 | 15 | 8  | 6.5 | 3   | 25 |
| 32                       | 44 | 14 | 142                 | 136                  | 142              | 167    | 136               | 161    | 19 | 126                 | 120                  | 126              | 151    | 120               | 145    | 59 | 45 | 25 | 8  | 6.5 | 4   | 32 |
| 40                       | 46 | 14 | 142                 | 158                  | 142              | 167    | 158               | 183    | 21 | 126                 | 142                  | 126              | 151    | 142               | 167    | 64 | 60 | 25 | 8  | 6.5 | 4.5 | 36 |

#### SDB型 Type





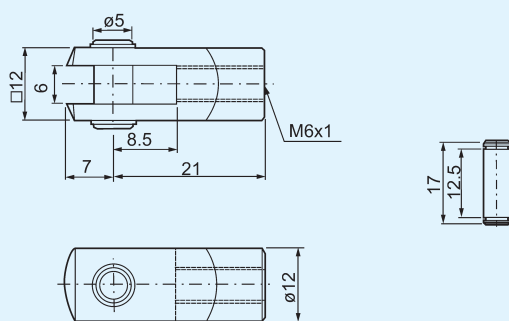
## 迷你缸安装附件 Mini Cylinder Accessories

| 符号 / Symbol<br>内径 / 行程<br>Bore / Stroke | D  | S  | Q  | CA | CB(MA<br>系列<br>/Series) | CB(MAL<br>系列<br>/Series) | CB(MSA系列/Series) |        | CB(MSAL系列/Series) |        | CD | CE | CF | CH | CT  | CP  | CQ   | PA | PB   |
|---|----|----|----|----|-------------------------|--------------------------|------------------|--------|-------------------|--------|----|----|----|----|-----|-----|------|----|------|
|   |    |    |    |    |                         |                          | 0~50             | 51~100 | 0~50              | 51~100 |    |    |    |    |     |     |      |    |      |
| 16                                      | 16 | 9  | 12 | -  | 107                     | -                        | 107              | 132    | -                 | -      | 23 | -  | 12 | 20 | 2.3 | 5.5 | 16.5 | 21 | 17   |
| 20                                      | 21 | 12 | 16 | 51 | 128                     | 122                      | 128              | 153    | 122               | 147    | 48 | 67 | 32 | 32 | 3   | 6.5 | 22   | 27 | 22.5 |
| 25                                      | 21 | 12 | 16 | 51 | 132                     | 126                      | 132              | 157    | 126               | 151    | 48 | 67 | 32 | 32 | 3   | 6.5 | 22   | 27 | 22.5 |
| 32                                      | 27 | 15 | 16 | 51 | 135                     | 129                      | 135              | 160    | 129               | 154    | 52 | 67 | 36 | 36 | 4   | 6.5 | 24   | 30 | 24.5 |
| 40                                      | 27 | 15 | 20 | 55 | 137                     | 153                      | 137              | 162    | 153               | 178    | 56 | 71 | 40 | 40 | 4   | 6.5 | 28   | 34 | 28.5 |

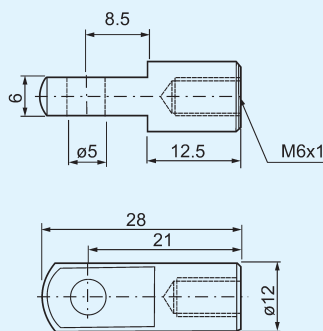
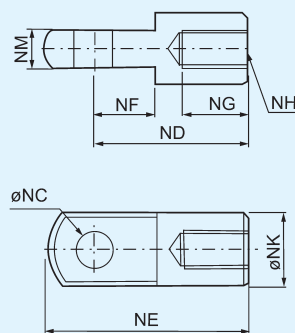
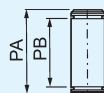
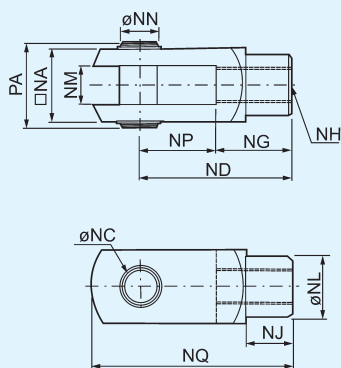
## 迷你缸联接附件 Mini Cylinder Accessories Connection

### 外形尺寸 Overall Dimension

Y接头 Joint size

 $\phi 16$ 



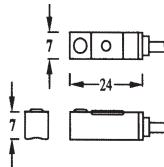


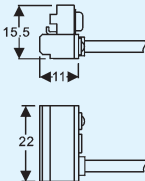
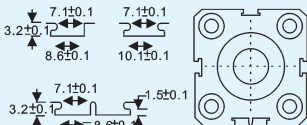

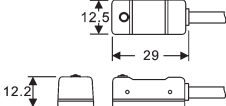

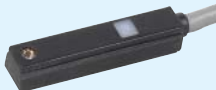
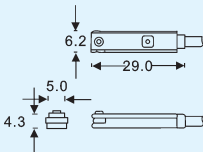
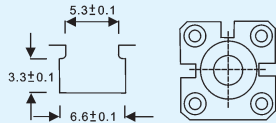
I接头 Joint size

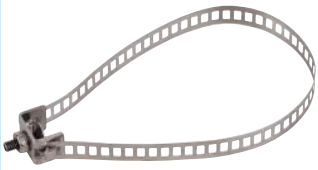




 $\phi 20 \sim \phi 40$ 


| 内径 / 符号<br>Bore / Stroke | NA   | NC | ND | NE | NF | NG | NH         | NJ | NK | NL | NM | NN | NP | NQ | PA | PB   |
|--------------------------|------|----|----|----|----|----|------------|----|----|----|----|----|----|----|----|------|
| 20                       | 16   | 8  | 30 | 40 | 11 | 15 | M8 x 1.25  | 10 | 16 | 14 | 8  | 8  | 15 | 40 | 21 | 16.5 |
| 25                       | 19   | 10 | 40 | 52 | 15 | 20 | M10 x 1.25 | 12 | 20 | 18 | 10 | 10 | 20 | 52 | 25 | 19.5 |
| 32                       | 19   | 10 | 40 | 52 | 15 | 20 | M10 x 1.25 | 12 | 20 | 18 | 10 | 10 | 20 | 52 | 25 | 19.5 |
| 40                       | 25.4 | 10 | 45 | 57 | 15 | 25 | M12 x 1.25 | 15 | 24 | 23 | 14 | 10 | 20 | 57 | 31 | 26   |

# 磁性开关 Magnetism switch

## 规格 Specification

| 型 号<br>Model        | 产 品<br>Product  | 接点型式<br>Contact Type                        | 使用电压<br>Working Voltage | 尺 寸<br>Diameter  | 适用气缸及沟槽<br>Joint Pipe Bore  |
|---------------------|---|---|-------------------------|--|---|
| XC-03R<br>系列/Series |    | 有接点/磁簧管<br>Amagnetic reed switch contact    | 5~240V DC/AC            |    | 适用于：圆形气缸；拉杆气缸<br>For: Tie-rod .cylinder Round Cylinder<br> |
|                     |   | 无接点/电晶体NPN输出<br>Contactless NPN transistors | 5~30V DC                |  |   |
|                     |   | 无接点/电晶体PNP输出<br>Contactless NPN transistors |                         |  |   |
| XC-11R<br>系列/Series |    | 有接点/磁簧管<br>Amagnetic reed switch contact    | 5~240V DC/AC            |    | 适用于：亚德客；气立可；长拓；金器<br>For: AIRTAC.CHELIC.MINDMA.CHANTO<br>  |
|                     |   | 无接点/电晶体NPN输出<br>Contactless NPN transistors | 5~30V DC                |  |   |
|                     |   | 无接点/电晶体PNP输出<br>Contactless NPN transistors |                         |  |   |
| XC-21R<br>系列/Series |  | 有接点/磁簧管<br>Amagnetic reed switch contact    | 5~240V DC/AC            |  | PAB固定钢带 PN固定钢带 PI固定夹具<br>PM固定夹具 PAC固定夹具<br>              |
|                     |   | 无接点/电晶体NPN输出<br>Contactless NPN transistors | 5~30V DC                |  |   |
|                     |   | 无接点/电晶体PNP输出<br>Contactless NPN transistors |                         |  |   |
| XC-31R<br>系列/Series |  | 有接点/磁簧管<br>Amagnetic reed switch contact    | 5~240V DC/AC            |  | 适用于：FESTO<br>For:FESTO<br>                               |
|                     |   | 无接点/电晶体NPN输出<br>Contactless NPN transistors | 5~30V DC                |  |   |
|                     |   | 无接点/电晶体PNP输出<br>Contactless NPN transistors |                         |  |   |

| 产品<br>Product   | 型号<br>Model              | 钢带型式<br>Metal Strip Model             | 示意图<br>Sketch Map   |
|---|--------------------------|---------------------------------------|---|
|  | 固定钢带<br>Fixed metal band | BK固定带系列<br>BK fixed metal band series | <br>BK 系列<br>BK series |
|   |                          | PAB固定钢带<br>PAB fixed metal band       |   |
|   |                          | PN固定带系列<br>PN fixed metal band series |   |
|  | 固定夹具<br>Fixed Clamp      | PI夹具系列<br>PI fixed Clamp series       | <br>PI系列<br>PI series |
|   |                          | PAC夹具<br>PAC fixed Clamp              |   |
|   |                          | PM夹具系列<br>PM fixed Clamp series       |   |

AC,BC系列三点组合（三联件）

AC,BC Series Three-point Combination (F.R.L Combination)



订购码 Ordering Code

BC

型号

AC: 小型

BC: 中型

Model

AC: Small Size

BC: Middle Size

3000

接管口径

Joint Pipe Code

1500: G1/8"

2000: G1/4"

3000: G3/8"

4000: G1/2"

D

排水方式

空白: 差压排水

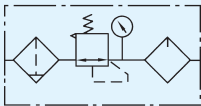
D: 自动排水

Drian Type

Blank: Differential Drain

D: Automatic Drain

图形符号 Graphic Symbol



规格 Specification

|  |                              |  |        |          |        |        |
|--|------------------------------|--|--------|----------|--------|--------|
| 型 号<br>Model                           |                              | AC1500   | AC2000 | BC2000   | BC3000 | BC4000 |
| 使用流体<br>Operating Fluid                |                              | 空气 / Air                                       |        |          |        |        |
| 接管口径<br>Joint Pipe Bore                |                              | G1/8"  | G1/4"  | G1/4"    | G3/8"  | G1/2"  |
| 滤芯粗度<br>Filtering Element Roughness    |                              | 40μ  |        |          |        |        |
| 调节压力范围<br>Range of Adjustable Pressure |                              | 0.05~0.85MPa                                   |        |          |        |        |
| 最大可调压力<br>Max. Adjustable Pressure     |                              | 0.95MPa  |        |          |        |        |
| 保证耐压力<br>Ensured Pressure Resistance   |                              | 1.5MPa   |        |          |        |        |
| 使用温度范围<br>Operating Temperature Range  |                              | 5~60℃  |        |          |        |        |
| 滤水杯容量<br>Capacity of Filter Cup        |                              | 15 cc  |        | 60 cc    |        |        |
| 给油杯容量<br>Capacity of Oil Feed Cup      |                              | 25 cc  |        | 90 cc    |        |        |
| 建议润滑油<br>Suggested Lube                |                              | ISO VG 32 或 同级用油 / ISO VG 32 or Same Grade Oil |        |          |        |        |
| 重量<br>Weight                           |                              | 0.7 KG   |        | 0.9 KG   |        |        |
| 材 质<br>Material                        | 本体<br>Body                   | 铝合金压铸成型 / Aluminum Die-casting Forming         |        |          |        |        |
|  | 容杯<br>Container Cup          | PE   |        |          |        |        |
|  | 保护杯罩<br>Protective Cup Cover | -  |        | 铁 / Iron |        |        |
| 构成元件<br>Composing Elements             | 过滤器<br>Filter                | AF1500   | AF2000 | BF2000   | BF3000 | BF4000 |
|  | 调压阀<br>Regulator             | AR1500   | AR2000 | BR2000   | BR3000 | BR4000 |
|  | 油雾器<br>Lubricator            | AL1500   | AL2000 | BL2000   | BL3000 | BL4000 |

## AFC,BFC系列二点组合（二联件）

### AFC,BFC Series Two-point Combination (FR.LCombination)



#### 订购码 Ordering Code

BFC

型号

AFC: 小型

BFC: 中型

Model

AFC: Small Size

BFC: Middle Size

3000

接管口径

Joint Pipe Code

1500: G1/8"

2000: G1/4"

3000: G3/8"

4000: G1/2"

D

排水方式

空白: 差压排水

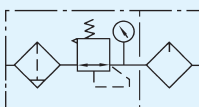
D: 自动排水

Drian Type

Blank: Differential Drain

D: Automatic Drain

#### 图形符号 Graphic Symbol



#### 规格 Specification

| 型 号<br>Model                           |                              | AFC1500  | AFC2000 | BFC2000  | BFC3000 | BFC4000 |
|--|------------------------------|--|---------|----------|---------|---------|
| 使用流体<br>Operating Fluid                |                              | 空气 / Air                                       |         |          |         |         |
| 接管口径<br>Joint Pipe Bore                |                              | G1/8"  | G1/4"   | G1/4"    | G3/8"   | G1/2"   |
| 滤心粗度<br>Filtering Element Roughness    |                              | 40μ  |         |          |         |         |
| 调节压力范围<br>Range of Adjustable Pressure |                              | 0.05~0.85MPa                                   |         |          |         |         |
| 最大可调压力<br>Max. Adjustable Pressure     |                              | 0.95MPa  |         |          |         |         |
| 保证耐压力<br>Ensured Pressure Resistance   |                              | 1.5MPa   |         |          |         |         |
| 使用温度范围<br>Operating Temperature Range  |                              | 5~60℃  |         |          |         |         |
| 滤水杯容量<br>Capacity of Filter Cup        |                              | 15 cc  |         | 60 cc    |         |         |
| 给油杯容量<br>Capacity of Oil Feed Cup      |                              | 25 cc  |         | 90 cc    |         |         |
| 建议润滑用油<br>Suggested Lube               |                              | ISO VG 32 或 同级用油 / ISO VG 32 or Same Grade Oil |         |          |         |         |
| 重量<br>Weight                           |                              | 0.5 KG   |         | 0.7KG    |         |         |
| 材 质<br>Material                        | 本体<br>Body                   | 铝合金压铸成型 / Aluminum Die-casting Forming         |         |          |         |         |
|  | 容杯<br>Container Cup          | PE   |         |          |         |         |
|  | 保护杯罩<br>Protective Cup Cover | -  |         | 铁 / Iron |         |         |
| 构成元件<br>Composing Elements             | 过滤调压器<br>Filter & Regulator  | AFR1500  | AFR2000 | BFR2000  | BFR3000 | BFR4000 |
|  | 油雾器<br>Lubricator            | AL1500   | AL2000  | BL2000   | BL3000  | BL4000  |

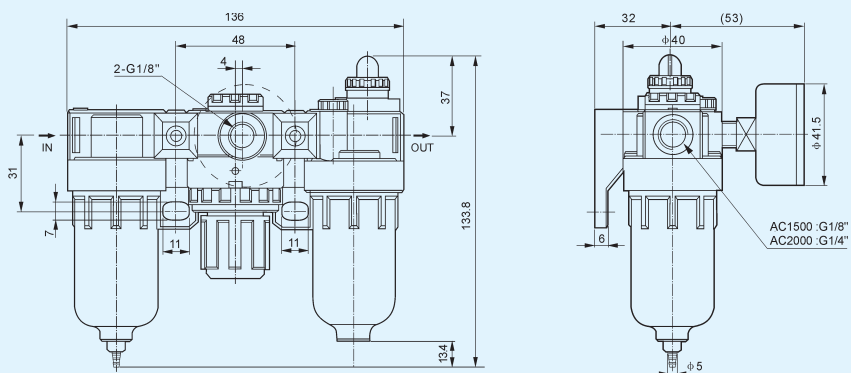


# AC、BC系列三点组合（三联件） / AFC,BFC系列二点组合（二联件）

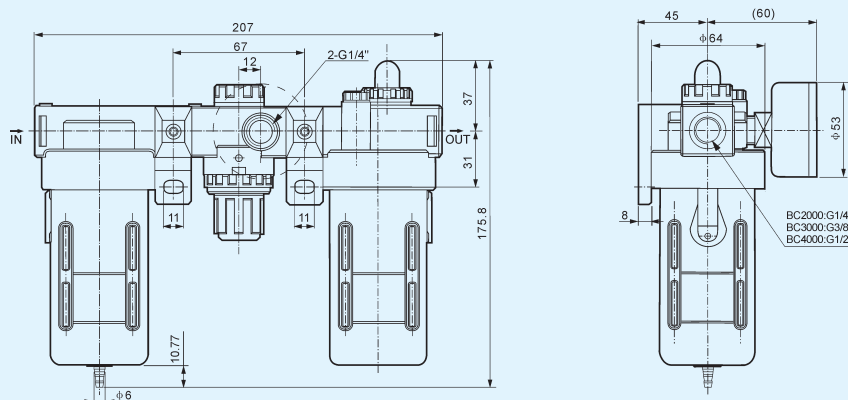
## AC,BC Series Three-point Combination / AFC,BFC Series Two-point Combination

### 外形尺寸 Overall Dimension

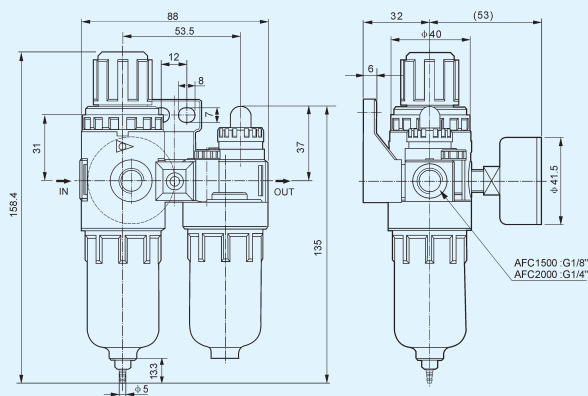
#### AC Series



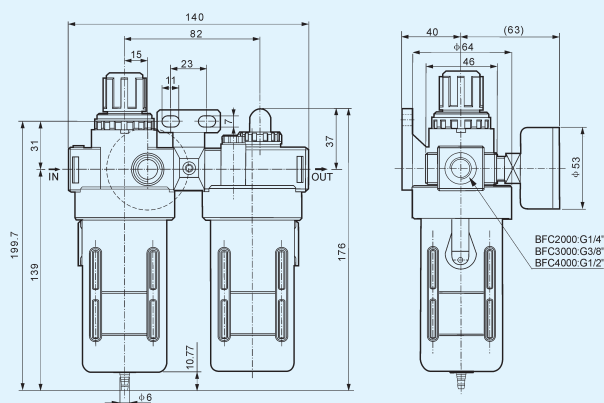
#### BC Series



#### AFC Series



#### BFC Series



## AF,BF系列过滤器 AF, BF Series Filter



### 订购码 Ordering Code

**BF**

型号

AF: 小型  
BF: 中型

Model

AF: Small Size  
BF: Middle Size

**3000**

接管口径

Joint Pipe Code

1500: G1/8"  
2000: G1/4"  
3000: G3/8"  
4000: G1/2"

**D**

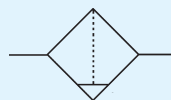
排水方式

空白: 差压排水  
D: 自动排水

Drian Type

Blank: Differential Drain  
D: Automatic Drain

### 图形符号 Graphic Symbol

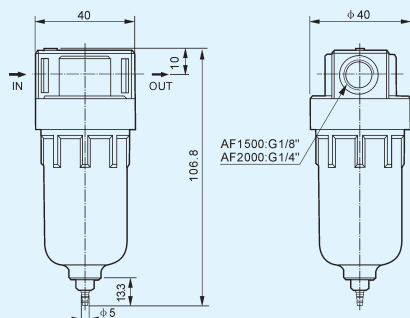


### 规格 Specification

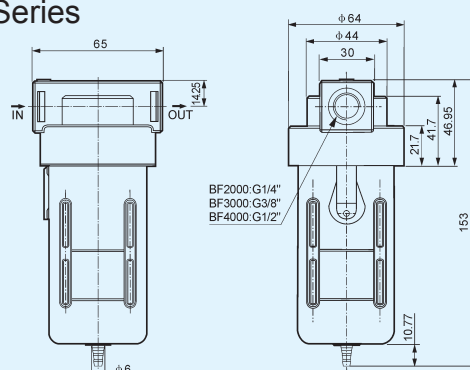
| 型 号<br>Model                          |                              | AF1500                                 | AF2000 | BF2000   | BF3000 | BF4000 |
|---------------------------------------|------------------------------|--|--------|----------|--------|--------|
| 使用流体<br>Operating Fluid               |                              | 空气 / Air                               |        |          |        |        |
| 接管口径<br>Joint Pipe Bore               |                              | G1/8"                                  | G1/4"  | G1/4"    | G3/8"  | G1/2"  |
| 滤心粗度<br>Filtering Element Roughness   |                              | 40μ                                    |        |          |        |        |
| 保证耐压力<br>Ensured Pressure Resistance  |                              | 1.5MPa                                 |        |          |        |        |
| 使用温度范围<br>Operating Temperature Range |                              | 5~60℃                                  |        |          |        |        |
| 滤水杯容量<br>Capacity of Filter Cup       |                              | 15 cc                                  |        | 60 cc    |        |        |
| 重量<br>Weight                          |                              | 0.14 KG                                |        | 0.33 KG  |        |        |
| 材 质<br>Material                       | 本体<br>Body                   | 铝合金压铸成型 / Aluminum Die-casting Forming |        |          |        |        |
|                                       | 容杯<br>Container Cup          | PE                                     |        |          |        |        |
|                                       | 保护杯罩<br>Protective Cup Cover | -                                      |        | 铁 / Iron |        |        |

### 外形尺寸 Overall Dimension

#### AF Series



#### BF Series



# AR, BR系列调压阀 AR, BR Series Regulator



## 订购码 Ordering Code

BR

2000

型号

AR: 小型

BR: 中型

Model

AR: Small Size

BR: Middle Size

接管口径

Joint Pipe Code

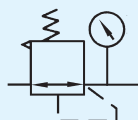
1500: G1/8"

2000: G1/4"

3000: G3/8"

4000: G1/2"

## 图形符号 Graphic Symbol

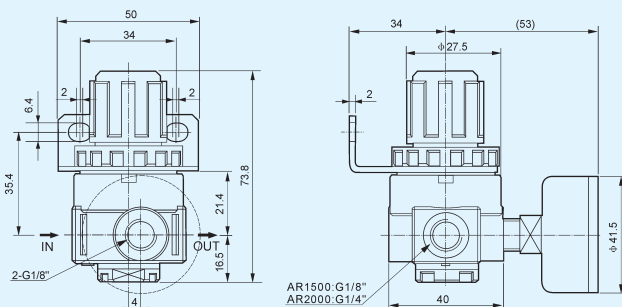


## 规格 Specification

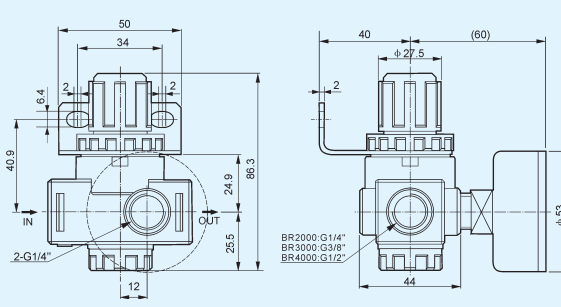
| 型 号<br>Model                           | AR1500                                 | AR2000 | BR2000  | BR3000 | BR4000 |
|--|--|--------|---------|--------|--------|
| 使用流体<br>Operating Fluid                | 空气 / Air                               |        |         |        |        |
| 接管口径<br>Joint Pipe Bore                | G1/8"                                  | G1/4"  | G1/4"   | G3/8"  | G1/2"  |
| 调节压力范围<br>Range of Adjustable Pressure | 0.05~0.85MPa                           |        |         |        |        |
| 最大可调压力<br>Max. Adjustable Pressure     | 0.95MPa                                |        |         |        |        |
| 保证耐压力<br>Ensured Pressure Resistance   | 1.5MPa                                 |        |         |        |        |
| 使用温度范围<br>Operating Temperature Range  | 5~60℃                                  |        |         |        |        |
| 重量<br>Weight                           | 0.20 KG                                |        | 0.23 KG |        |        |
| 本体材质<br>Material of Body               | 铝合金压铸成型 / Aluminum Die-casting Forming |        |         |        |        |

## 外形尺寸 Overall Dimension

### AR Series



### BR Series



# AFR,BFR系列过滤调压阀

## AFR, BFR Series Filter & Regulator



### 订购码 Ordering Code

**AFR**

型号

AFR: 小型  
BFR: 中型

Model

AFR: Small Size  
BFR: Middle Size

**3000**

接管口径

Joint Pipe Code

1500: G1/8"

2000: G1/4"

3000: G3/8"

4000: G1/2"

**D**

排水方式

空白: 差压排水

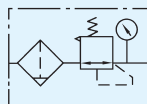
D: 自动排水

Drian Type

Blank:Differential Drain

D: Automatic Drain

### 图形符号 Graphic Symbol

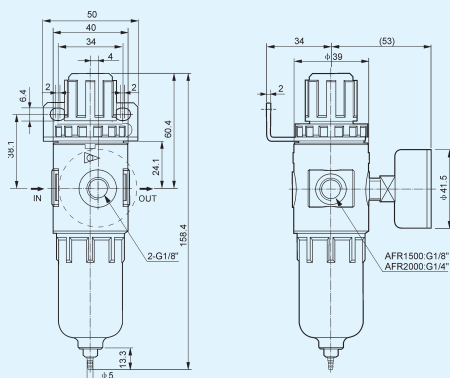


### 规格 Specification

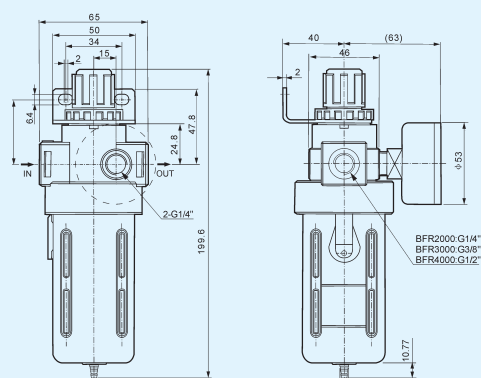
| 型 号<br>Model                           |                              | AFR1500                                | AFR2000 | BFR2000  | BFR3000 | BFR4000 |
|--|------------------------------|--|---------|----------|---------|---------|
| 使用流体<br>Operating Fluid                |                              | 空气 / Air                               |         |          |         |         |
| 接管口径<br>Joint Pipe Bore                |                              | G1/8"                                  | G1/4"   | G1/4"    | G3/8"   | G1/2"   |
| 调节压力范围<br>Range of Adjustable Pressure |                              | 0.05~0.85MPa                           |         |          |         |         |
| 最大可调压力<br>Max. Adjustable Pressure     |                              | 0.95MPa                                |         |          |         |         |
| 保证耐压力<br>Ensured Pressure Resistance   |                              | 1.5MPa                                 |         |          |         |         |
| 使用温度范围<br>Operating Temperature Range  |                              | 5~60℃                                  |         |          |         |         |
| 滤水杯容量<br>Capacity of Filter Cup        |                              | 15 cc                                  |         | 60 cc    |         |         |
| 重量<br>Weight                           |                              | 0.26 KG                                |         | 0.40 KG  |         |         |
| 材 质<br>Material                        | 本体<br>Body                   | 铝合金压铸成型 / Aluminum Die-casting Forming |         |          |         |         |
|  | 容杯<br>Container Cup          | PE                                     |         |          |         |         |
|  | 保护杯罩<br>Protective Cup Cover | -                                      |         | 铁 / Iron |         |         |

### 外形尺寸 Overall Dimension

#### AFR Series



#### BFR Series





# AL,BL系列油雾器

## AL, BL Series Lubricator



### 订购码 Ordering Code

**AL**

型号/ Model

AL: 小型 Small Size

BL: 中型 Middle Size

**2000**

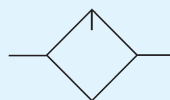
接管口径

Joint Pipe Code

1500: G1/8" 2000: G1/4"

3000: G3/8" 4000: G1/2"

### 图形符号 Graphic Symbol

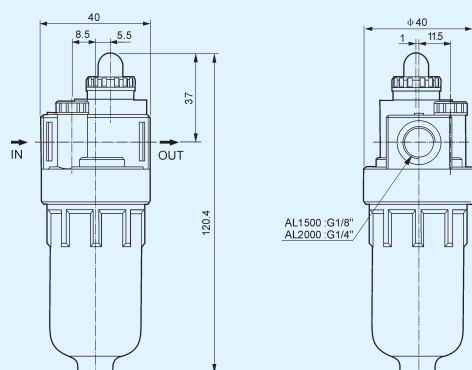


### 规格 Specification

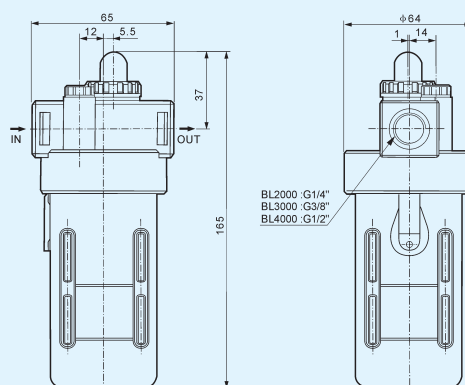
| 型 号<br>Model                          |                              | AL1500   | AL2000 | BL2000   | BL3000 | BL4000 |
|---------------------------------------|------------------------------|--|--------|----------|--------|--------|
| 使用流体<br>Operating Fluid               |                              | 空气 / Air                                       |        |          |        |        |
| 接管口径<br>Joint Pipe Bore               |                              | G1/8"  | G1/4"  | G1/4"    | G3/8"  | G1/2"  |
| 保证耐压力<br>Ensured Pressure Resistance  |                              | 1.5MPa   |        |          |        |        |
| 使用温度范围<br>Operating Temperature Range |                              | 5~60℃  |        |          |        |        |
| 建议润滑油<br>Suggested Lube               |                              | ISO VG 32 或 同级用油 / ISO VG 32 or Same Grade Oil |        |          |        |        |
| 滤水杯容量<br>Capacity of Oil Feed Cup     |                              | 25 cc  |        | 90 cc    |        |        |
| 重量<br>Weight                          |                              | 0.17 KG  |        | 0.25 KG  |        |        |
| 材 质<br>Material                       | 本体<br>Body                   | 铝合金压铸成型 / Aluminum Die-casting Forming         |        |          |        |        |
|                                       | 容杯<br>Container Cup          | PE   |        |          |        |        |
|                                       | 保护杯罩<br>Protective Cup Cover | -  |        | 铁 / Iron |        |        |

### 外形尺寸 Overall Dimension

#### AL Series



#### BL Series



# XAC1000~5000系列空气过滤组合（三联件）

## XAC1000~5000 Series Air Filter Combination (F.R.L Combination)



### 订购码 Ordering Code

XA

系列 / Series  
XA系列  
XA Series

C

功能代号  
Function Code  
三联件  
F.R.L Combination

3000

规格代号  
Specification Code  
1000 2000  
2500 3000  
4000 5000

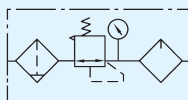
04

接管口径  
Joint Pipe Bore  
M5: M5 x 0.8  
01: G1/8" 02: G1/4"  
03: G3/8" 04: G1/2"  
06: G3/4" 10: G1"

D

排水方式  
空白: 差压排水  
D: 自动排水  
Drian Type  
Blank: Differential Drain  
D: Automatic Drain

### 图形符号 Graphic Symbol



### 规格 Specification

| 型 号<br>Model                           |                   | XAC1000<br>-M5            | XAC2000<br>-01 | XAC2000<br>-02 | XAC2500<br>-02                                  | XAC2500<br>-03 | XAC3000<br>-02 | XAC3000<br>-03 | XAC4000<br>-03 | XAC4000<br>-04 | XAC4000<br>-06 | XAC5000<br>-06 | XAC5000<br>-10 |            |
|--|-------------------|---------------------------|----------------|----------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|
| 额定流量<br>Rated Flow                     |                   | 90                        | 500            | 500            | 1500  | 1500           | 2000           | 2000           | 4000           | 4000           | 4500           | 5000           | 5000           |            |
| 接管口径<br>Joint Pipe Bore                |                   | M5                        | G1/8"          | G1/4"          | G1/4"   | G3/8"          | G1/4"          | G3/8"          | G3/8"          | G1/2"          | G3/4"          | G3/4"          | G1"            |            |
| 过滤精度<br>Filter Precision               |                   | 25μ                       |                |                |   |                |                |                |                |                |                |                |                |            |
| 最高使用压力<br>Highest Working Pressure     |                   | 1.0MPa                    |                |                |   |                |                |                |                |                |                |                |                |            |
| 保证耐压力<br>Ensured Pressure Resistance   |                   | 1.5MPa                    |                |                |   |                |                |                |                |                |                |                |                |            |
| 使用温度范围<br>Operating Temperature Range  |                   | 5~60℃                     |                |                |   |                |                |                |                |                |                |                |                |            |
| 调节压力范围<br>Range of Adjustable Pressure |                   | 0.05~0.7MPa               | 0.05~0.85MPa   |                |   |                |                |                |                |                |                |                |                |            |
| 建议用油<br>Recommended Oil Use            |                   | ISO VG 32                 |                |                |   |                |                |                |                |                |                |                |                |            |
| 容器材料<br>Container Material             |                   | 聚碳酸脂 / Polycarbonate      |                |                |   |                |                |                |                |                |                |                |                |            |
| 防护罩<br>Protective Cover                |                   | 无 / Not Available         |                |                | 有 / Available                                   |                |                |                |                |                |                |                |                |            |
| 放水器功能<br>Drain Function                |                   | 差压放水 / Differential Drain |                |                | 差压放水、自动放水 / Differential Drain, Automatic Drain |                |                |                |                |                |                |                |                |            |
| 阀型<br>Valve Type                       |                   | 带溢流型 / With Overflow      |                |                |   |                |                |                |                |                |                |                |                |            |
| 构成元件<br>Composing<br>Elements          | 过滤器<br>Filter     | XAF1000-M5                | XAF2000-01     | XAF2000-02     | XAF3000-02                                      | XAF3000-03     | XAF3000-02     | XAF3000-03     | XAF3000-03     | XAF4000-03     | XAF4000-04     | XAF4000-06     | XAF5000-06     | XAF5000-10 |
|  | 调压阀<br>Regulator  | XAR1000-M5                | XAR2000-01     | XAR2000-02     | XAR2500-02                                      | XAR2500-03     | XAR3000-02     | XAR3000-03     | XAR3000-03     | XAR4000-03     | XAR4000-04     | XAR4000-06     | XAR5000-06     | XAR5000-10 |
|  | 油雾器<br>Lubricator | XAL1000-M5                | XAL2000-01     | XAL2000-02     | XAL3000-02                                      | XAL3000-03     | XAL3000-02     | XAL3000-03     | XAL3000-03     | XAL4000-03     | XAL4000-04     | XAL4000-06     | XAL5000-06     | XAL5000-10 |



ISO9001:2000

## XAC1010~5010系列空气过滤组合（二联件） XAC1010~5010 Series Air Filter Combination (FR.L Combination)



### 订购码 Ordering Code

XA

系列/Series  
XA系列  
XA Series

C

功能代号  
Function Code  
二联件  
FR.L Combination

3010

规格代号  
Specification Code  
1010 2010  
3010 4010  
5010

-

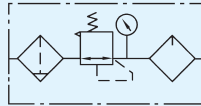
04

接管口径  
Joint Pipe Bore  
M5: M5 x 0.8 01: G1/8"  
02: G1/4" 03: G3/8"  
04: G1/2" 06: G3/4"  
10: G1"

D

排水方式  
空白: 差压排水  
D: 自动排水  
Drian Type  
Blank: Differential Drain  
D: Automatic Drain

### 图形符号 Graphic Symbol



### 规格 Specification

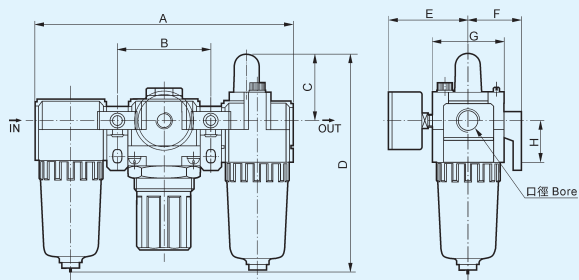
| 型 号<br>Model                           | XAC1010<br>-M5              | XAC2010<br>-01 | XAC2010<br>-02 | XAC3010<br>-02                                  | XAC3010<br>-03 | XAC4010<br>-03 | XAC4010<br>-04 | XAC4010<br>-06 | XAC5010<br>-06 | XAC5010<br>-10 |            |
|--|-----------------------------|----------------|----------------|---|----------------|----------------|----------------|----------------|----------------|----------------|------------|
| 额定流量<br>Rated Flow                     | 90                          | 500            | 500            | 1700  | 1700           | 3000           | 3000           | 3000           | 4000           | 4000           |            |
| 接管口径<br>Joint Pipe Bore                | M5                          | G1/8"          | G1/4"          | G1/4"   | G3/8"          | G3/8"          | G1/2"          | G3/4"          | G3/4"          | G1"            |            |
| 过滤精度<br>Filter Precision               | 25μ                         |                |                |   |                |                |                |                |                |                |            |
| 最高使用压力<br>Highest Working Pressure     | 1.0MPa                      |                |                |   |                |                |                |                |                |                |            |
| 保证耐压力<br>Ensured Pressure Resistance   | 1.5MPa                      |                |                |   |                |                |                |                |                |                |            |
| 使用温度范围<br>Operating Temperature Range  | 5~60℃                       |                |                |   |                |                |                |                |                |                |            |
| 调节压力范围<br>Range of Adjustable Pressure | 0.05~0.7MPa                 | 0.05~0.85MPa   |                |   |                |                |                |                |                |                |            |
| 建议用油<br>Recommended Oil Use            | ISO VG 32                   |                |                |   |                |                |                |                |                |                |            |
| 容器材料<br>Container Material             | 聚碳酸酯 / Polycarbonate        |                |                |   |                |                |                |                |                |                |            |
| 防护罩<br>Protective Cover                | 无 / Not Available           |                |                | 有 / Available                                   |                |                |                |                |                |                |            |
| 放水器功能<br>Drain Function                | 差压放水 / Differential Drain   |                |                | 差压放水、自动放水 / Differential Drain, Automatic Drain |                |                |                |                |                |                |            |
| 阀型<br>Valve Type                       | 带溢流型 / With Overflow        |                |                |   |                |                |                |                |                |                |            |
| 构成元件<br>Composing Elements             | 过滤调压阀<br>Filter & Regulator | XAW1000-M5     | XAW2000-01     | XAW2000-02                                      | XAW3000-02     | XAW3000-03     | XAW4000-03     | XAW4000-04     | XAW4000-06     | XAW5000-06     | XAW5000-10 |
|  | 油雾器<br>Lubricator           | XAL1000-M5     | XAL2000-01     | XAL2000-02                                      | XAL3000-02     | XAL3000-03     | XAL4000-03     | XAL4000-04     | XAL4000-06     | XAL5000-06     | XAL5000-10 |

# XAC1000~5000系列空气过滤组合 / XAC1010~5010系列空气过滤组合

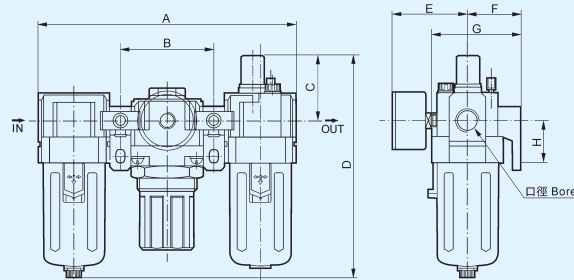
## XAC1000~5000 Series Air Filter Combination / XAC1010~5010 Series Air Filter Combination

### 外形尺寸 Overall Dimension

#### XAC1000

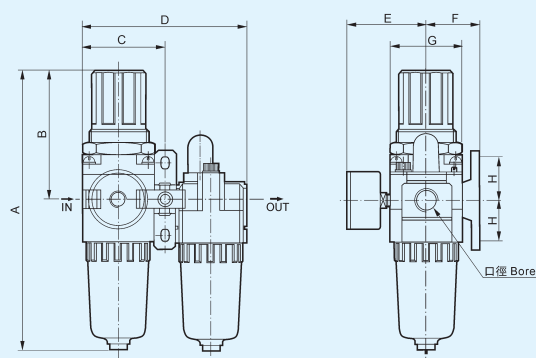


#### XAC5000

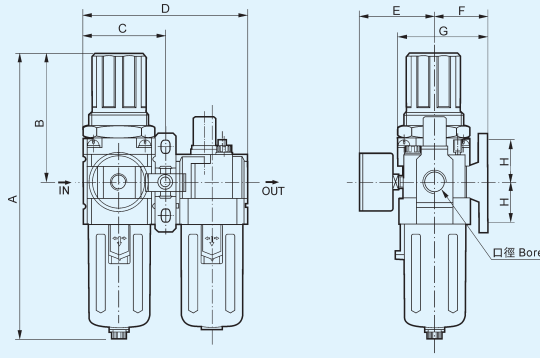


| 型 号 Model  | 口径 Bore     | A   | B   | C    | D     | E    | F    | G  | H  |
|------------|-------------|-----|-----|------|-------|------|------|----|----|
| XAC1000    | M5          | 91  | 33  | 25.5 | 84.5  | 26   | 25   | 25 | 20 |
| XAC2000    | G1/8"~G1/4" | 140 | 50  | 38   | 125   | 56.8 | 30   | 40 | 24 |
| XAC2500    | G1/4"~G3/8" | 181 | 64  | 38   | 156.5 | 60.8 | 41   | 53 | 35 |
| XAC3000    | G1/4"~G3/8" | 181 | 64  | 38   | 156.5 | 60.8 | 41   | 53 | 35 |
| XAC4000    | G3/8"~G1/2" | 238 | 84  | 41   | 191.5 | 65.5 | 50   | 70 | 40 |
| XAC4000-06 | G3/4"       | 253 | 89  | 41   | 193   | 69.5 | 50   | 70 | 40 |
| XAC5000    | G3/4"~G1"   | 300 | 105 | 48   | 271.5 | 75.5 | 69.8 | 90 | 50 |

#### XAC1010



#### XAC5010



| 型 号 Model  | 口径 Bore      | A     | B    | C    | D   | E    | F    | G  | H  |
|------------|--------------|-------|------|------|-----|------|------|----|----|
| XAC1010    | M5           | 109.5 | 50.5 | 29   | 58  | 26   | 25   | 25 | 20 |
| XAC2010    | G1/8"~ G1/4" | 164.5 | 78   | 45   | 90  | 56.8 | 30   | 40 | 24 |
| XAC3010    | G1/4"~ G3/8" | 211   | 92.5 | 58.5 | 117 | 60.8 | 41   | 53 | 35 |
| XAC4010    | G3/8"~ G1/2" | 262   | 112  | 77   | 154 | 70.5 | 41   | 70 | 40 |
| XAC4010-06 | G3/4"        | 267   | 114  | 82   | 164 | 70.5 | 50   | 70 | 40 |
| XAC5010    | G3/4"~ G1"   | 338   | 116  | 97.5 | 195 | 75.5 | 69.8 | 90 | 50 |



XAF1000~5000系列空气过滤器

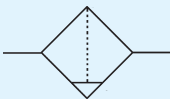
XAF1000~5000 Series Air Filter



订购码 Ordering Code

|             |               |                    |   |                 |                          |
|-------------|---------------|--------------------|---|-----------------|--------------------------|
| XA          | F             | 3000               | - | 04              | D                        |
| 系列 / Series | 功能代号          | 规格代号               |   | 接管口径            | 排水方式                     |
| XA系列        | Function Code | Specification Code |   | Joint Pipe Bore | 空白: 差压排水                 |
| XA Series   | 过滤器           | 1000               |   | M5: M5 x 0.8    | D: 自动排水                  |
|             | Filter        | 2000               |   | 01: G1/8"       | Drian Type               |
|             |               | 2500               |   | 02: G1/4"       | Blank:Differential Drain |
|             |               | 3000               |   | 03: G3/8"       | D: Automatic Drain       |
|             |               | 4000               |   | 04: G1/2"       |                          |
|             |               | 5000               |   | 06: G3/4"       |                          |
|             |               |                    |   | 10: G1"         |                          |

图形符号 Graphic Symbol



规格 Specification

|                             |                           |         |         |   |         |         |         |         |         |         |
|-----------------------------|---------------------------|---------|---------|---|---------|---------|---------|---------|---------|---------|
| 型 号                         | XAF1000                   | XAF2000 | XAF2000 | XAF3000   | XAF3000 | XAF4000 | XAF4000 | XAF4000 | XAF5000 | XAF5000 |
| Model                       | -M5                       | -01     | -02     | -02   | -03     | -03     | -04     | -06     | -06     | -10     |
| 额定流量                        | 110                       | 750     | 750     | 1500  | 1500    | 4000    | 4000    | 6000    | 7000    | 7000    |
| Rated Flow                  |                           |         |         |   |         |         |         |         |         |         |
| 接管口径                        | M5                        | G1/8"   | G1/4"   | G1/4"   | G3/8"   | G3/8"   | G1/2"   | G3/4"   | G3/4"   | G1"     |
| Joint Pipe Bore             |                           |         |         |   |         |         |         |         |         |         |
| 过滤精度                        | 25μ                       |         |         |   |         |         |         |         |         |         |
| Filter Precision            |                           |         |         |   |         |         |         |         |         |         |
| 最高使用压力                      | 1.0MPa                    |         |         |   |         |         |         |         |         |         |
| Highest Working Pressure    |                           |         |         |   |         |         |         |         |         |         |
| 保证耐压力                       | 1.5MPa                    |         |         |   |         |         |         |         |         |         |
| Ensured Pressure Resistance |                           |         |         |   |         |         |         |         |         |         |
| 使用温度范围                      | 5~60℃                     |         |         |   |         |         |         |         |         |         |
| Operating Temperature Range |                           |         |         |   |         |         |         |         |         |         |
| 容器材料                        | 聚碳酸酯 / Polycarbonate      |         |         |   |         |         |         |         |         |         |
| Container Material          |                           |         |         |   |         |         |         |         |         |         |
| 防护罩                         | 无 / Not Available         |         |         | 有 / Available                                   |         |         |         |         |         |         |
| Protective Cover            |                           |         |         |   |         |         |         |         |         |         |
| 放水器功能                       | 差压放水 / Differential Drain |         |         | 差压放水、自动放水 / Differential Drain, Automatic Drain |         |         |         |         |         |         |
| Drain Function              |                           |         |         |   |         |         |         |         |         |         |

## XAR1000~5000系列减压阀 XAR1000~5000 Series Regulator



### 订购码 Ordering Code

**XA**

系列/Series  
XA系列  
XA Series

**R**

功能代号  
Function Code  
减压阀  
Regulator

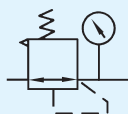
**3000**

规格代号  
Specification Code  
1000  
2000  
2500  
3000  
4000  
5000

**04**

接管口径  
Joint Pipe Bore  
M5: M5 x 0.8  
01: G1/8"  
02: G1/4"  
03: G3/8"  
04: G1/2"  
06: G3/4"  
10: G1"

### 图形符号 Graphic Symbol



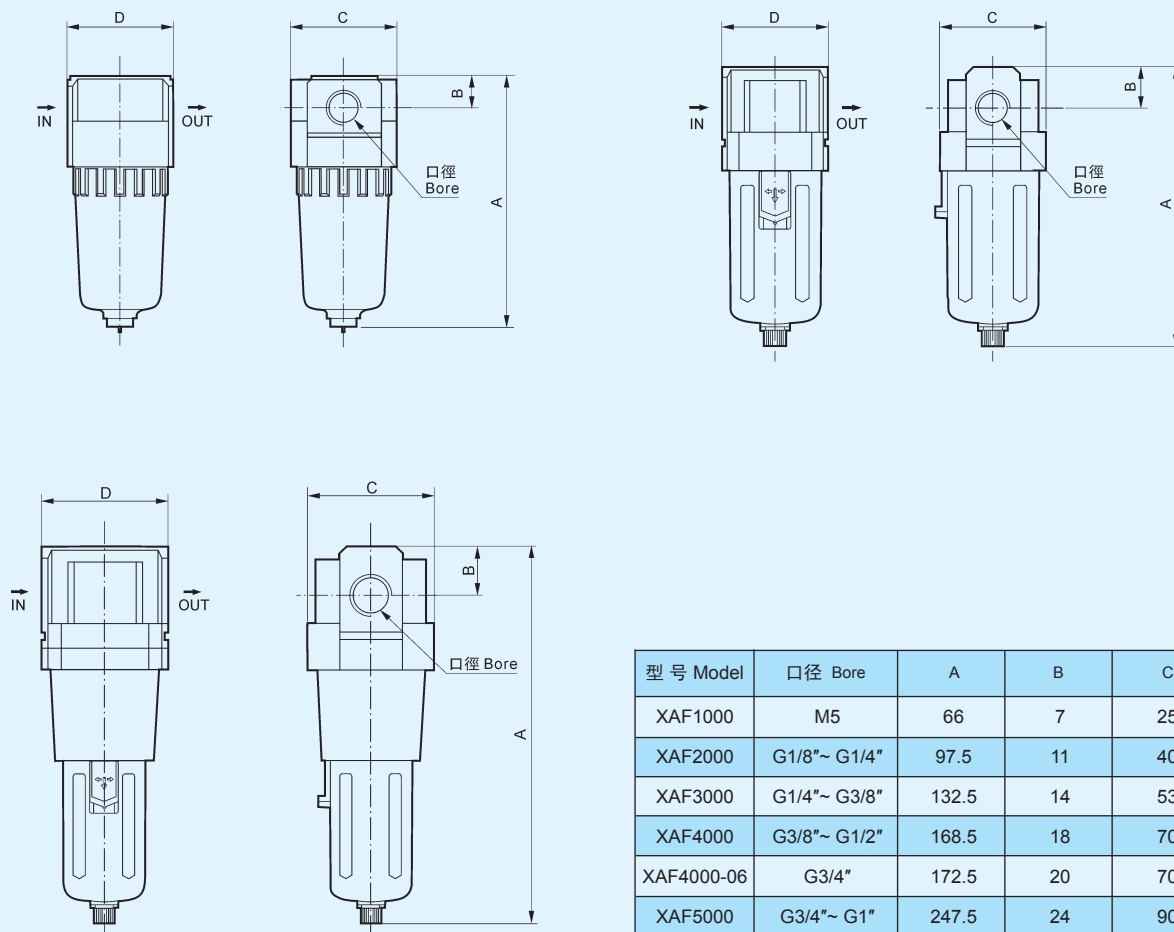
### 规格 Specification

| 型 号<br>Model                           | XAR1000<br>-M5       | XAR2000<br>-01 | XAR2000<br>-02 | XAR2500<br>-02 | XAR2500<br>-03 | XAR3000<br>-02 | XAR3000<br>-03 | XAR4000<br>-03 | XAR4000<br>-04 | XAR4000<br>-06 | XAR5000<br>-06 | XAR5000<br>-10 |
|--|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 额定流量<br>Rated Flow                     | 100                  | 550            | 550            | 2000           | 2000           | 2500           | 2500           | 6000           | 6000           | 6000           | 8000           | 8000           |
| 接管口径<br>Joint Pipe Bore                | M5                   | G1/8"          | G1/4"          | G1/4"          | G3/8"          | G1/4"          | G3/8"          | G3/8"          | G1/2"          | G3/4"          | G3/4"          | G1"            |
| 最高使用压力<br>Highest Working Pressure     | 1.0MPa               |                |                |                |                |                |                |                |                |                |                |                |
| 保证耐压力<br>Ensured Pressure Resistance   | 1.5MPa               |                |                |                |                |                |                |                |                |                |                |                |
| 使用温度范围<br>Operating Temperature Range  | 5~60℃                |                |                |                |                |                |                |                |                |                |                |                |
| 调节压力范围<br>Range of Adjustable Pressure | 0.05~0.7MPa          | 0.05~0.85MPa   |                |                |                |                |                |                |                |                |                |                |
| 阀型<br>Valve Type                       | 带溢流型 / With Overflow |                |                |                |                |                |                |                |                |                |                |                |

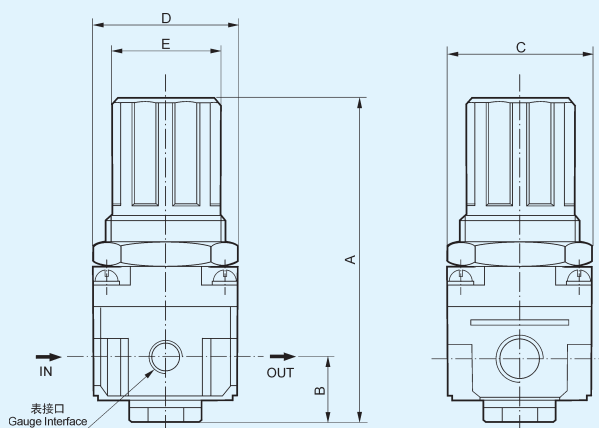
# XAF1000~5000系列空气过滤器 / XAR1000~5000系列减压阀 XAF1000~5000 Series Air Filter / XAR1000~5000 Series Regulator

## 外形尺寸 Overall Dimension

### XAF Series



### XAR Series

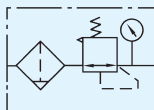


XAW1000~5000系列过滤减压阀  
XAW1000~5000 Series Filter & Regulator

## 订购码 Ordering Code

|                                  |  |  |   |   |  |
|----------------------------------|--|--|---|---|--|
| <b>XA</b>                        | <b>W</b>   | <b>3000</b>  | - | <b>04</b>   | <b>D</b>   |
| 系列 / Series<br>XA系列<br>XA Series | 功能代号<br>Function Code<br>过滤减压阀<br>Filter & Regulator | 规格代号<br>Specification Code<br>1000<br>2000<br>2500<br>3000<br>4000<br>5000 |   | 接管口径<br>Joint Pipe Bore<br>M5: M5 x 0.8<br>01: G1/8"<br>02: G1/4"<br>03: G3/8"<br>04: G1/2"<br>06: G3/4"<br>10: G1" | 排水方式<br>空白: 差压排水<br>D: 自动排水<br>Drian Type<br>Blank: Differential Drain<br>D: Automatic Drain |

## 图形符号 Graphic Symbol



## 规格 Specification

| 型 号 Model                              | XAW1000-M5              | XAW2000-01   | XAW2000-02 | XAW3000-02                                     | XAW3000-03 | XAW4000-03 | XAW4000-04 | XAW4000-06 | XAW5000-06 | XAW5000-10 |
|--|-------------------------|--------------|------------|--|------------|------------|------------|------------|------------|------------|
| 额定流量<br>Rated Flow                     | 100                     | 550          | 550        | 2000   | 2000       | 4000       | 4000       | 4500       | 5500       | 5500       |
| 接管口径<br>Joint Pipe Bore                | M5                      | G1/8"        | G1/4"      | G1/4"  | G3/8"      | G3/8"      | G1/2"      | G3/4"      | G3/4"      | G1"        |
| 过滤精度<br>Filter Precision               | 25μm                    |              |            |  |            |            |            |            |            |            |
| 最高使用压力<br>Highest Working Pressure     | 1.0MPa                  |              |            |  |            |            |            |            |            |            |
| 保证耐压力<br>Ensured Pressure Resistance   | 1.5MPa                  |              |            |  |            |            |            |            |            |            |
| 使用温度范围<br>Operating Temperature Range  | 5~60℃                   |              |            |  |            |            |            |            |            |            |
| 调节压力范围<br>Range of Adjustable Pressure | 0.05~0.7MPa             | 0.05~0.85MPa |            |  |            |            |            |            |            |            |
| 容器材料<br>Container Material             | 聚碳酸脂/Polycarbonate      |              |            |  |            |            |            |            |            |            |
| 防护罩<br>Protective Cover                | 无/Not Available         |              |            | 有/Available                                    |            |            |            |            |            |            |
| 放水器功能<br>Drain Function                | 差压放水/Differential Drain |              |            | 差压放水、自动放水/ Differential Drain, Automatic Drain |            |            |            |            |            |            |
| 阀型<br>Valve Type                       | 带溢流型/With Overflow      |              |            |  |            |            |            |            |            |            |



# XAL1000~5000系列油雾器 XAL1000~5000 Series Lubricator



## 订购码 Ordering Code

**XA**  
系列/Series  
XA系列  
XA Series

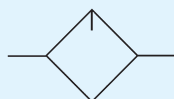
**L**  
功能代号  
Function Code  
油雾器  
Lubricator

**3000**  
规格代号  
Specification Code  
1000  
2000  
3000  
4000  
5000

-

**04**  
接管口径  
Joint Pipe Bore  
M5: M5 x 0.8  
01: G1/8"  
02: G1/4"  
03: G3/8"  
04: G1/2"  
06: G3/4"  
10: G1"

## 图形符号 Graphic Symbol



## 规格 Specification

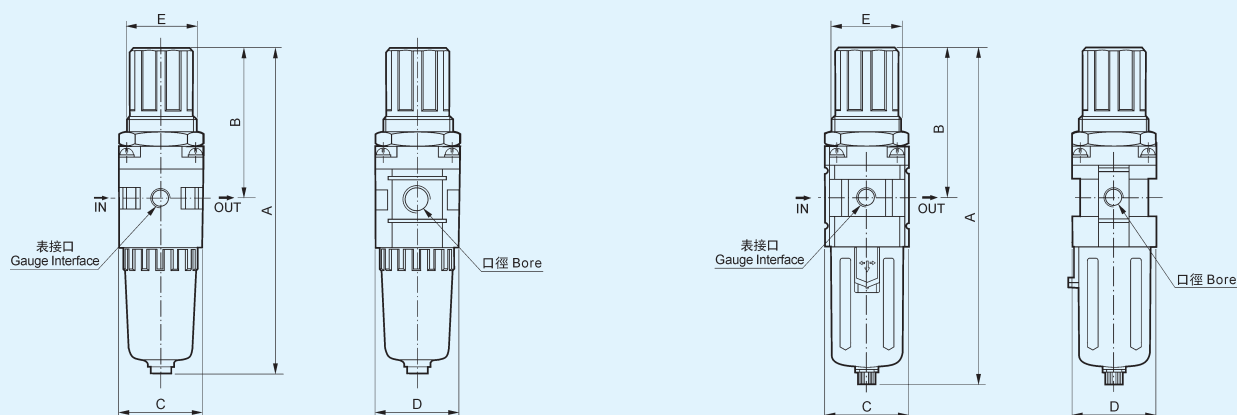
| 型 号 Model                             | XAL1000<br>-M5     | XAL2000<br>-01 | XAL2000<br>-02 | XAL3000<br>-02 | XAL3000<br>-03 | XAL4000<br>-03 | XAL4000<br>-04 | XAL4000<br>-06 | XAL5000<br>-06 | XAL5000<br>-10 |
|---------------------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 额定流量<br>Rated Flow                    | 95                 | 800            | 800            | 1700           | 1700           | 5000           | 5000           | 6300           | 7000           | 7000           |
| 接管口径<br>Joint Pipe Bore               | M5                 | G1/8"          | G1/4"          | G1/4"          | G3/8"          | G3/8"          | G1/2"          | G3/4"          | G3/4"          | G1"            |
| 最高使用压力<br>Highest Working Pressure    | 1.0MPa             |                |                |                |                |                |                |                |                |                |
| 保证耐压力<br>Ensured Pressure Resistance  | 1.5MPa             |                |                |                |                |                |                |                |                |                |
| 使用温度范围<br>Operating Temperature Range | 5~60℃              |                |                |                |                |                |                |                |                |                |
| 建议用油<br>Suggested Lube                | ISO VG 32          |                |                |                |                |                |                |                |                |                |
| 容器材料<br>Container Material            | 聚碳酸酯/Polycarbonate |                |                |                |                |                |                |                |                |                |
| 防护罩<br>Protective Cover               | 无/Not Available    |                |                | 有/Available    |                |                |                |                |                |                |

# XAW1000~5000系列过滤减压阀/ XAL1000~5000系列油雾器

## XAW1000~5000 Series Filter & Regulator / XAL1000~5000 Series Lubricator

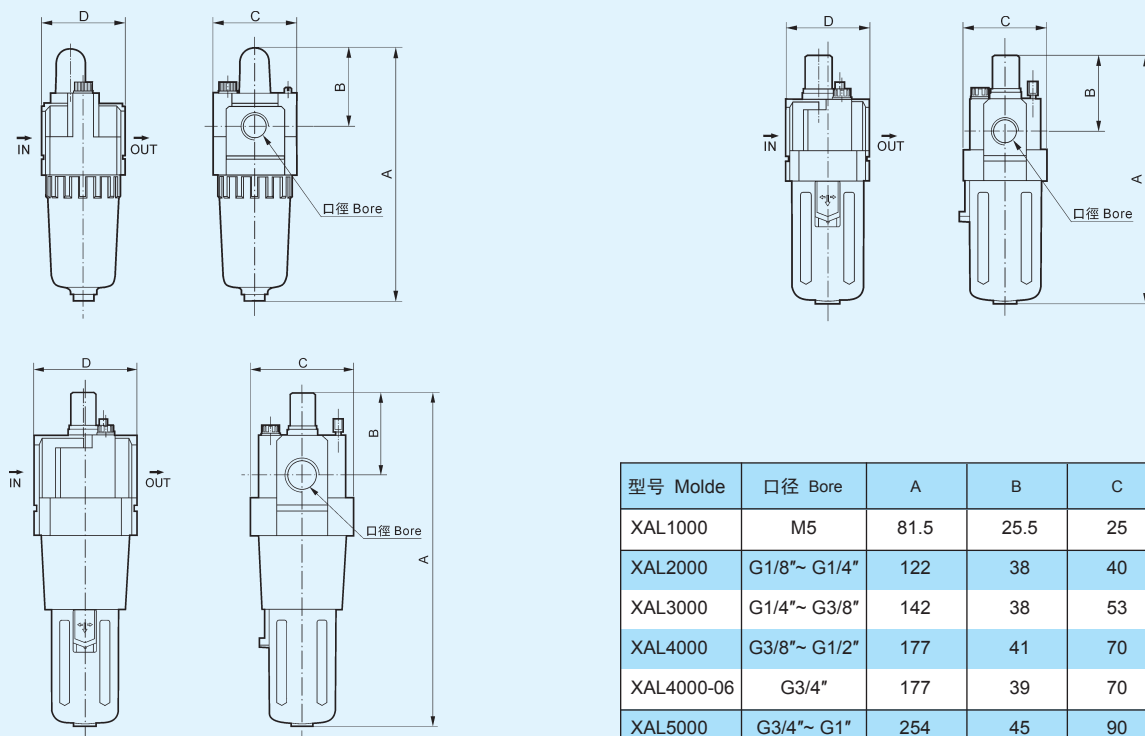
### 外形尺寸 Overall Dimension

#### XAW Series



| 型 号 Model  | 口径 Bore      | A     | B    | C  | D  | E  |
|------------|--------------|-------|------|----|----|----|
| XAW1000    | M5           | 109.5 | 50.5 | 25 | 28 | 28 |
| XAW2000    | G1/8"~ G1/4" | 164.5 | 78   | 40 | 40 | 34 |
| XAW3000    | G1/4"~ G3/8" | 211   | 92.5 | 53 | 53 | 40 |
| XAW4000    | G3/8"~ G1/2" | 262   | 112  | 70 | 70 | 54 |
| XAW4000-06 | G3/4"        | 267   | 114  | 70 | 70 | 54 |
| XAW5000    | G3/4"~ G1"   | 338   | 116  | 90 | 90 | 54 |

#### XAL Series



| 型号 Molde   | 口径 Bore      | A    | B    | C  | D  |
|------------|--------------|------|------|----|----|
| XAL1000    | M5           | 81.5 | 25.5 | 25 | -  |
| XAL2000    | G1/8"~ G1/4" | 122  | 38   | 40 | 40 |
| XAL3000    | G1/4"~ G3/8" | 142  | 38   | 53 | 53 |
| XAL4000    | G3/8"~ G1/2" | 177  | 41   | 70 | 70 |
| XAL4000-06 | G3/4"        | 177  | 39   | 70 | 70 |
| XAL5000    | G3/4"~ G1"   | 254  | 45   | 90 | 90 |

## SFC气源处理件

### SFC Air Source Treatment Unit



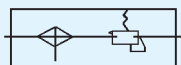
本产品集过滤，减压，油雾于一体，结构紧凑，流量大，输出压力稳定易于安装。元件附有压力表，安装支架，油雾器有不停气加油的功能，均设有杯防护罩，安全可靠，外观美观。

The product have the function of filter,regulator and lubricator.It's stucture tightly,flow rate largely, output steadily and installation simply. The element has pressure gange,installation stand and lubricator. The lubricator can non-stop gas. All have the cup shape protect cover. Use safe and appearance beautifully.

## 二联件

### Two-point Combination

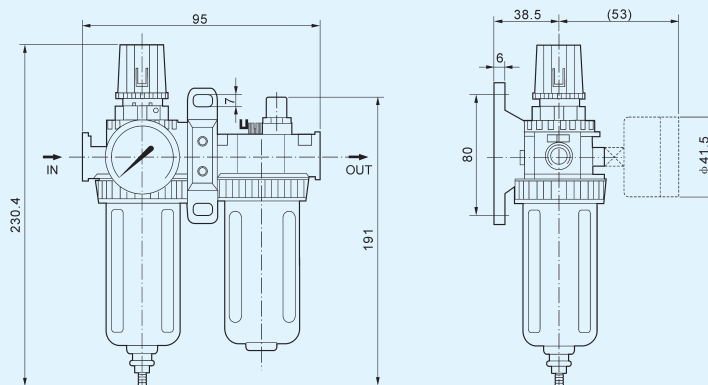
#### 图形符号 Graphic Symbol



#### 规格 Specification

| 型 号 Model                                    | SFC-200     | SFC-300 | SFC-400 |
|--|-------------|---------|---------|
| 接管口径<br>Joint Pipe Bore                      | 1/4Rc       | 3/8Rc   | 1/2Rc   |
| 压力表口径<br>Pressuer Gauge Bore                 | 1/8Rc       | 1/8Rc   | 1/8Rc   |
| 保证耐压力<br>Ensured Pressure Resistance         | 1.5MPa      |         |         |
| 最高使用压力<br>Highest Working Pressure           | 1.0MPa      |         |         |
| 环境及流体温度<br>Environment and Fluid Temperature | 5~60℃       |         |         |
| 防护罩<br>Protective Cover                      | 有/Available |         |         |

#### 外形尺寸 Overall Dimension



油霧器  
Lubricator

53



# XACP300系列空气调理组合（三点组合） XACP300 Series Air Condition Unit (Three-point Combination)



## 订购码 Ordering Code

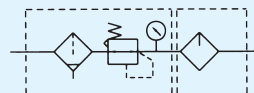
XACP300

型号  
Model

8A

接管口径  
Joint Pipe Bore  
8A: PT1/8  
10A: PT3/8  
15A: PT1/2

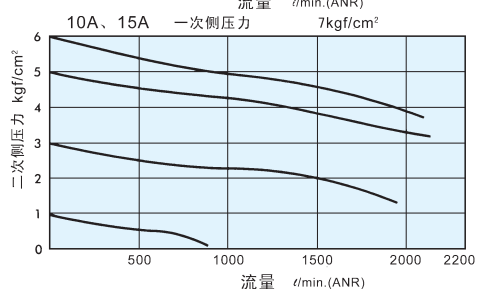
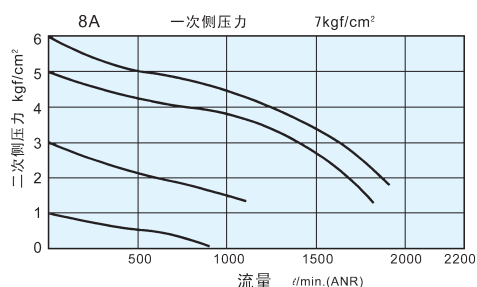
## 图形符号 Graphic Symbol



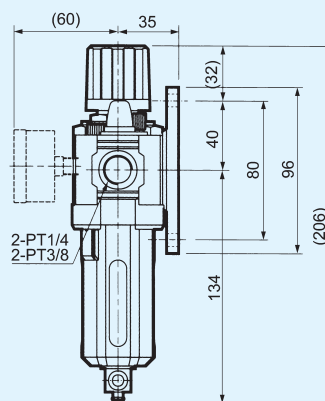
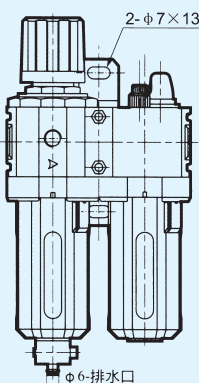
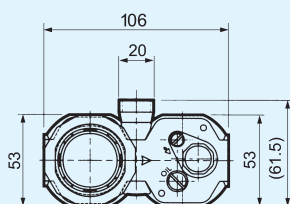
## 规格 Specification

|                                     |                            |          |          |
|-------------------------------------|----------------------------|----------|----------|
| 型 号<br>Model                        | XACP300                    |          |          |
| 接管口径代号<br>Joint Pipe Bore Code      | 8A                         | 10A      | 15A      |
| 接管口径尺寸<br>Joint Pipe Bore Dimension | PT1/4                      | PT3/8    | PT1/2    |
| 使用压力范围<br>Joint Pipe Bore Dimension | 0~0.99MPa                  |          |          |
| 耐压力<br>Pressure Resistance          | 1.5MPa                     |          |          |
| 设定压力范围<br>Pressure Range            | 0.05~0.85MPa               |          |          |
| 使用流体<br>Operating Fluid             | 空气 Air                     |          |          |
| 周围温度<br>Ambient Temperature         | 5~60℃                      |          |          |
| 过滤精度<br>Filter Precision            | 5μm                        |          |          |
| 油杯贮油容量<br>Capacity Of Oil Feed Cup  | 55 c.c                     |          |          |
| 油滴下最小空气流量<br>Min. Air Flow of Oil   | 50 ℓ/min                   | 60 ℓ/min | 60 ℓ/min |
| 建议润滑油<br>Recommended Oil Use        | 轮机油 Machine Oil ISO-VG32   |          |          |
| 重量<br>Weight                        | 720g                       |          |          |
| 组件<br>Assembly                      | XAFR300, XAL300            |          |          |
| 附属配件<br>Accessory                   | 压力表Pressure Gauge, 支架Stand |          |          |

## 流量特性图 Flow Chart



## 外形尺寸 Overall Dimension



## XAFR300系列过滤调压阀 XAFR300 Series Filter & Regulator



### 订购码 Ordering Code

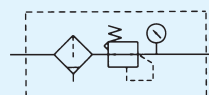
**XAFR300**

型号  
Model

**8A**

接管口径  
Joint Pipe Bore  
8A: PT1/8  
10A: PT3/8  
15A: PT1/2

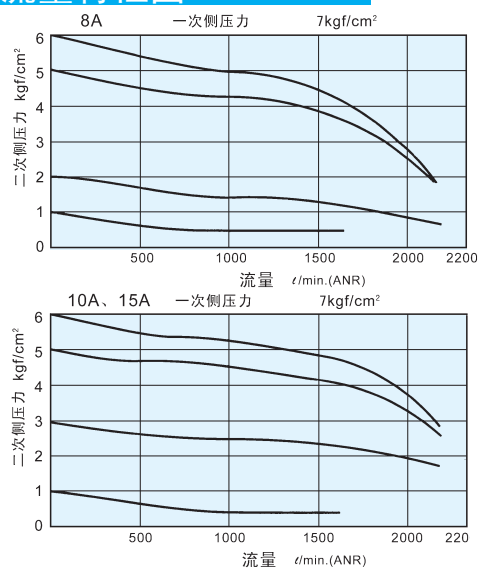
### 图形符号 Graphic Symbol



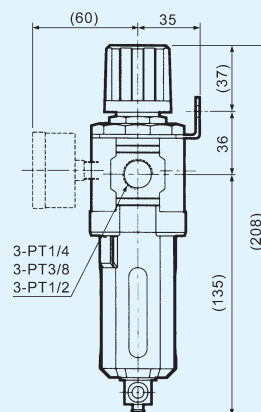
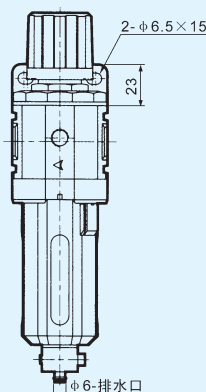
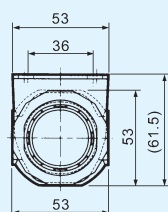
### 规格 Specification

|                                     |                            |                   |                   |
|-------------------------------------|----------------------------|-------------------|-------------------|
| 型号<br>Model                         | XAFR300                    |                   |                   |
| 接管口径代号<br>Joint Pipe Bore Code      | 8A                         | 10A               | 15A               |
| 接管口径尺寸<br>Joint Pipe Bore Dimension | PT1/4                      | PT3/8             | PT1/2             |
| 使用压力范围<br>Joint Pipe Bore Dimension | 0~0.99MPa                  |                   |                   |
| 耐压力<br>Pressure Resistance          | 1.5MPa                     |                   |                   |
| 设定压力范围<br>Pressure Range            | 0.1~0.85MPa                |                   |                   |
| 有效断面积<br>Effective Section Area     | 32mm <sup>2</sup>          | 34mm <sup>2</sup> | 34mm <sup>2</sup> |
| 使用流体<br>Operating Fluid             | 空气 Air                     |                   |                   |
| 周围温度<br>Ambient Temperature         | 5~60℃                      |                   |                   |
| 过渡精度<br>Filter Precision            | 5μm                        |                   |                   |
| 重量<br>Weight                        | 500g                       |                   |                   |
| 附属配件<br>Accessory                   | 压力表Pressure Gauge, 支架Stand |                   |                   |

### 流量特性图 Flow Chart



### 外形尺寸 Overall Dimension



## HAD402系列自动排水器

### HAD402 Series Auto Drain



常用于自动排除管道低处、冷冻式空气干燥机、油水分离器、贮气罐及各种空气过滤器底部等处的积水。可安装在不便进行人工排放污水的地方，如高处、低处、狭隘处；特别是安装在用气量较大、放水次数较频繁的地方，可防止人工排水被遗忘而造成压缩空气被冷凝水重新污染。

This product often applies to auto remove the see per at the lower places of piping, frozen type air drying machine. Oil separator, air storage tanks and the bottom of various air filters. It can be installed in the places inconvenient for manual discharge of sewage, such as higher, lower and narrow places, especially there s large consumption of air or frequent water drains. It can prevent the compressed air being re-polluted by condense water resulting from neglect of manual drain.

#### 图形符号 Graphic Symbol



#### 规格 Specification

| 型 号     | Model                         | HAD402-02            | HAD402-03 | HAD402-04 |
|---------|-------------------------------|----------------------|-----------|-----------|
| 保证耐压力   | Ensured Pressure Resistance   | 1.5MPa               |           |           |
| 动作压力    | Operating Pressure            | 0.15MPa ~ 1.00MPa    |           |           |
| 环境及流体温度 | Ambient and Fluid Temperature | 5 ~ 60℃              |           |           |
| 接管口径    | Joint Pipe Bore               | G1/4"                | G3/8"     | G1/2"     |
| 排水口径    | Drain Bore                    | G1/8"                |           |           |
| 排水状态    | Drain Status                  | 常开型 Normal Open Type |           |           |
| 工作介质    | Working Medium                | 压缩空气 Compressed Air  |           |           |

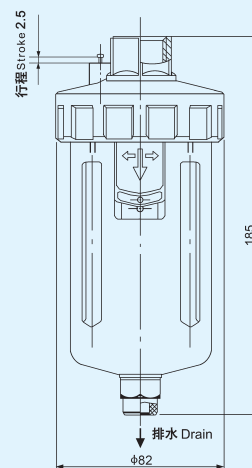
#### 特性 Features

- 自动排水 / Auto Drain
- 停气排水 / Air Shutoff Drain
- 手动排水 / Manual Drain
- 水杯配有金属保护罩 / The water cup is provided with metal protective cover

#### 注意事项 Points for Attention

- 使用时，必须垂直位置安装，且使排水口朝下。
- When using, the drainer should be installed vertically the drain port facing down.

#### 外形尺寸 Overall Dimension



## SAH402系列高压自动排水器 SAH402 Series High Pressure Auto Drain



此产品是属高压气源系统的排水器，作整个管路系统的分水作用，常用于不便人工进行放水或放水频率较高的设备，如管道低处、冷冻式空气干燥机，贮气罐等等的积水处。

This product serves as a drainer for high-pressure air source system and functions to divert water for the whole pipeline system. It is generally used for the equipment inconvenient for manual discharge of water or comparatively high frequency of water discharge such as the low spots of pipeline, freezing type air drier and the water deposit place of air chamber etc.

### 图形符号 Graphic Symbol



### 规格 Specification

| 型号      | Model                         | SAH402-02            | SAH402-03 | SAH402-04 |
|---------|-------------------------------|----------------------|-----------|-----------|
| 保证耐压力   | Ensured Pressure Resistance   | 2.5MPa               |           |           |
| 动作压力    | Operating Pressure            | 0.15MPa ~ 2.00MPa    |           |           |
| 环境及流体温度 | Ambient and Fluid Temperature | 5 ~ 60℃              |           |           |
| 接管口径    | Joint Pipe Bore               | G1/4"                | G3/8"     | G1/2"     |
| 排水口径    | Drain Bore                    | G1/8"                | G1/4"     | G3/8"     |
| 排水状态    | Drain Status                  | 常开型 Normal Open Type |           |           |
| 工作介质    | Working Medium                | 压缩空气 Compressed Air  |           |           |

### 特性 Features

自动排水 / Auto Drain

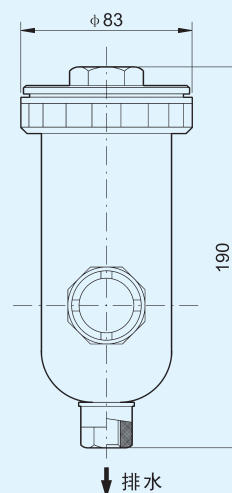
金属杯配有可视窗 / Metal protective cover with view window

### 注意事项 Points for Attention

使用时，必须垂直位置安装，且使排水口朝下。

When using, the drainer should be installed vertically the drain port facing down.

### 外形尺寸 Overall Dimension







ISO9001:2000

## C系列过滤器、减压器和油雾器组合件 C Series Filter, Regulator & Lubricator Combination



### 订购码 Ordering Code

|                 |  |   |   |   |   |  |
|-----------------|--|---|---|---|---|--|
| <b>C</b>        | <b>1</b>   | <b>04</b>   | - | <b>C</b>  | - | <b>5</b>                                     |
| C系列<br>C Series | 规格<br>Specification<br>1=G1/4<br>2=G3/8、G1/2<br>4=G1 | 接管口径<br>Joint Pipe Bore<br>04=G1/4<br>38=G3/8<br>02=G1/2<br>01=G1 |   | 组合形式<br>Group Type<br>C=D+L<br>E=V+D+L<br>G=D+L+AVP<br>HNA=V+D+L+AVP+PRESS NO<br>HNC=V+D+L+AVP+PRESS NC<br>N=V+D<br>P=D+AVP<br>Q=V+D+AVP<br>T=V+D+L+AVP<br>U=F13+FB3 (只有/Only G3/8、G1/2、G1)<br>ZNA=V+D+AVP+PRESS NO<br>ZNA=V+D+AVP+PRESS NC |   | 过滤精度<br>Filter Precision<br>5=5μm<br>25=25μm |

### C系列过滤器、减压器和油雾器组合件代号 C Series Filter, Regulator & Lubricator Combination Code

|   |   |       |   |
|---|---|-------|---|
| D | 减压器/过滤器二联件, 0~1MPa<br>Regulator & Filter Combination, 0~1MPa<br>半自动排水, 过滤精度5 μm或25 μm<br>Semi-auto drain, filter precision<br>5 μm or 25 μm | AVP   | 电控软起动阀<br>Electricity control soft start valve  |
|   |   | PRESS | 压力开关 (NC或NO)<br>Pressure switch (NC or NO)  |
| V | 二位三通隔离阀<br>Two-position three-way separate valve  | F13   | 过滤器, 自动排水 (只有G3/8、G1/2、G1), 过滤精度5 μm或25 μm<br>Filter auto drain (only G3/8、G1/2、G1), filter precision 5 μm or 25 μm |
| L | 油雾器<br>Lubricator   | FB3   | 聚结式过滤器、自动排水 (只有G3/8、G1/2、G1)<br>Gather Filter auto drain (only G3/8、G1/2、G1)  |

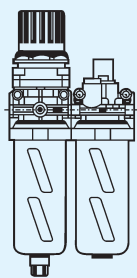
### 综合参数 Parameter

|      |                     |  |
|------|---------------------|--|
| 结构形式 | Structure Type      | 紧凑型 Compact Type   |
| 材料   | Material            | 铝合金、黄铜、尼龙、丁腈橡胶 Al-alloy, Brass, Nylon, NBR                         |
| 接口   | Joint Pipe Bore     | G1/4、G3/8、G1/2、G1  |
| 安装方式 | Installation Type   | 垂直、板式连接、附壁式安装 Upright place, board connection or wall installation |
| 工作温度 | Working Temperature | 0~60℃ (在1MPa时)   |
| 表面涂层 | Surface Coat        | 涂漆/ Painted  |

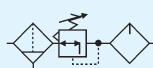
# C系列过滤器、减压器和油雾器组合件 C Series Filter, Regulator & Lubricator Combination

## 外形尺寸 Overall Dimension

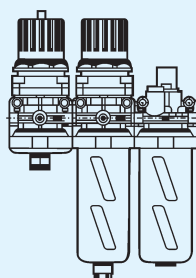
组合形式C/ Group Type C



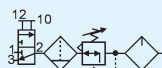
D+L



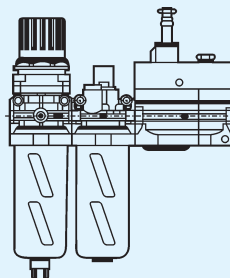
组合形式E/ Group Type E



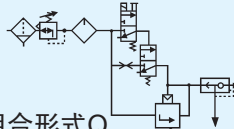
V+D+L



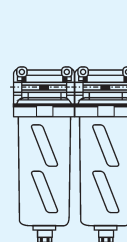
组合形式G/ Group Type G



D+L+AVP



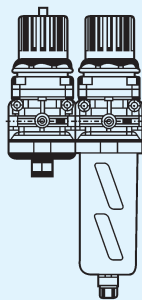
组合形式U / Group Type U



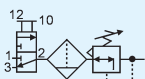
F13+FB3



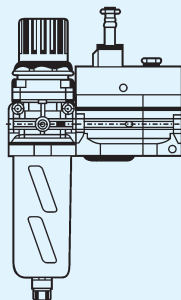
组合形式N  
Group Type N



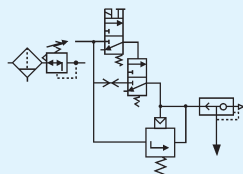
V+D



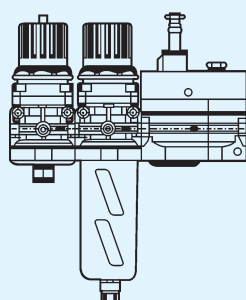
组合形式P  
Group Type P



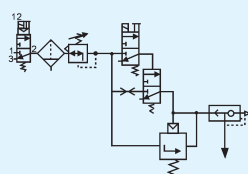
D+AVP



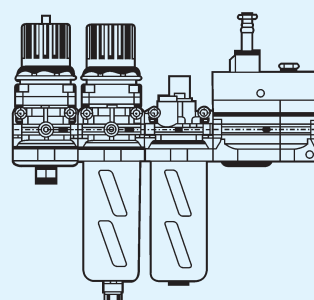
组合形式Q  
Group Type Q



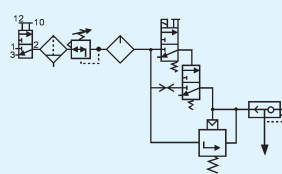
V+D+AVP



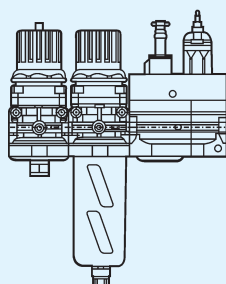
组合形式T  
Group Type T



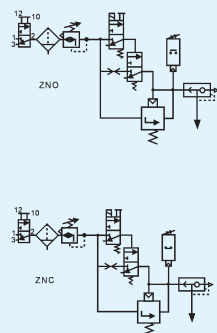
V+D+L+AVP



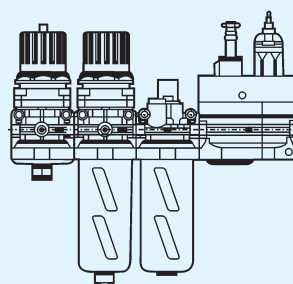
组合形式Z/ Group Type Z



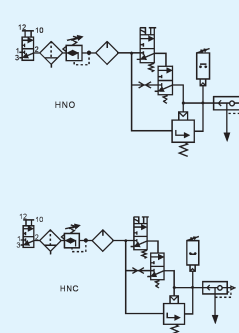
V+D+AVP+PRESS



组合形式HN/ Group Type HN



V+D+L+AVP+PRESS



# 4V100系列电磁阀、气控阀

## 4V100 Series Solenoid Valve, Pneumatic Control Valve



### 订购码 Ordering Code

**4V**

#### 规格代码

4V:二(三)位五通电磁阀  
4A:二(三)位五通气控阀  
3V:二位三通电磁阀  
3A:二位三通气控阀

#### Specification Code

4V:Two (Three)-position Five-way Solenoid Valve  
4A:Two (Three)-position Five-way Pneumatic Control Valve  
3V:Two-position Three-way Solenoid Valve  
3A:Two-position Three-way Pneumatic Control Valve

**1**

#### 系列代码

100系列  
Series Code  
100 Series

**10**

#### 线圈及位数

10:单头双位置  
20:双头双位置  
30C:双头三位置封闭型  
30E:双头三位置排气型  
30P:双头三位置压力型

#### Coil and Places

10:Single-head Double-position  
20:Double-head Double-position  
30C:Double-head Three-position Close Type  
30E:Double-head Three-position Exhaust Type  
30P:Double-head Three-position Pressure Type

**06**

#### 接管口径 Joint Pipe Bore

M5: M5×0.8  
06: 1/8"

**B**

#### 接管形式及初始状态

空白:管接式  
B:二位五通板接式  
三位五通板接式  
NC:二位三通常闭型  
NO:二位三通常开型

#### Joint Pipe Form and Initial State

Blank:Pipe Connection Type  
B:Two-position Five-way Plate Connection Type  
Three-position Five-way Plate Connection Type  
NC:Two-position Three-way Normal Close Type  
NO:Two-position Three-way Normal Open Type

**AC220V**

#### 标准电压

Standard Voltage  
DC12V  
DC24V  
AC24V 50Hz/60Hz  
AC110V 50Hz/60Hz  
AC220V 50Hz/60Hz  
AC380V 50Hz/60Hz

**W**

#### 接线形式

空白:标准端子式  
LD:茶色带灯端子式  
LD:白色带灯端子式  
W:引线式

#### Wiring Form

Blank:standard Connector  
LD:Brown with Lighting Connector  
LD:White with Lighting Connector  
W: Lead Wire Type

### 规格 Specification

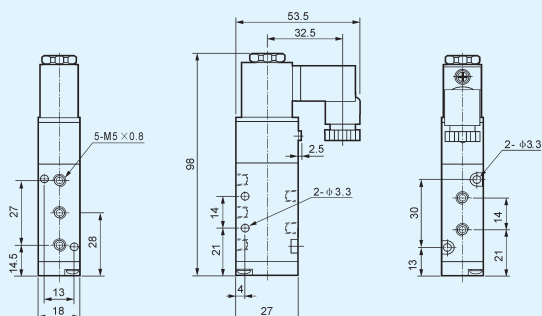
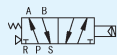
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|---|---------------------------------------|----------|-------------------------------------|-----------|-----------|---|----------|---------------------------------|-----------|-----------|
| 型 号<br>Model                              | 4V110-M5                              | 4V120-M5 | 4V130C-M5                           | 4V130E-M5 | 4V130P-M5 | 4V110-06  | 4V120-06 | 4V130C-06                       | 4V130E-06 | 4V130P-06 |
|   | 4A110-M5                              | 4A120-M5 | 4A130C-M5                           | 4A130E-M5 | 4A130P-M5 | 4A110-06  | 4A120-06 | 4A130C-06                       | 4A130E-06 | 4A130P-06 |
| 位通数<br>Position and Way NO.               | 二位五通<br>Two-position Five-way         |          | 三位五通<br>Three-position Five-way     |           |           | 二位五通<br>Two-position Five-way                     |          | 三位五通<br>Three-position Five-way |           |           |
| 有效截面积<br>Effective Sectional Area         | 10mm <sup>2</sup> (CV=0.56)           |          | 7mm <sup>2</sup> (CV=0.40)          |           |           | 12mm <sup>2</sup> (CV=0.67)                       |          | 9mm <sup>2</sup> (CV=0.5)       |           |           |
| 型 号<br>Model                              | 3V110-M5                              | 3V120-M5 | 3A110-M5                            | 3A120-M5  |           | 3V110-06  | 3V120-06 | 3A110-06                        | 3A120-06  |           |
| 位通数<br>Position and Way NO.               | 二位三通 Two-position Three-way           |          |                                     |           |           | 二位三通 Two-position Three-way                       |          |                                 |           |           |
| 有效截面积<br>Effective Section Area           | 10mm <sup>2</sup> (CV=0.56)           |          |                                     |           |           | 12mm <sup>2</sup> (CV=0.67)                       |          |                                 |           |           |
| 接管口径<br>Joint Pipe Bore                   | 进气＝出气＝排气＝M5×0.8                       |          | Air Inlet=Air Outlet=Exhaust=M5×0.8 |           |           | 进气＝出气＝排气＝G1/8” Air Inlet=Air Outlet=Exhaust=G1/8” |          |                                 |           |           |
| 工作介质<br>Working Medium                    | 经40微米过滤的空气 / 40 Micron Filtered Air   |          |                                     |           |           |   |          |                                 |           |           |
| 动作方式<br>Motion Pattern                    | 内部先导式 / Inner Guide Type              |          |                                     |           |           |   |          |                                 |           |           |
| 使用压力<br>Working-pressure                  | 0.15~0.8MPa                           |          |                                     |           |           |   |          |                                 |           |           |
| 最大耐压力<br>Max. Pressure Resistance         | 1.2MPa                                |          |                                     |           |           |   |          |                                 |           |           |
| 工作温度<br>Operating Temperature             | 5~50℃                                 |          |                                     |           |           |   |          |                                 |           |           |
| 电压范围<br>Voltage Range                     | ±10%                                  |          |                                     |           |           |   |          |                                 |           |           |
| 耗电量<br>Power Consumption                  | AC: 2.5VA DC: 2.5W                    |          |                                     |           |           |   |          |                                 |           |           |
| 绝缘性及防护等级<br>Insulation & Protection Class | F级. IP65 / F Class. IP65              |          |                                     |           |           |   |          |                                 |           |           |
| 接线形式<br>Wiring Form                       | 出线式或端子式 / Lead Wire or Connector type |          |                                     |           |           |   |          |                                 |           |           |
| 最高动作频率<br>Highest Action Frequency        | 每秒五次 / 5 Cycle / Sec                  |          |                                     |           |           |   |          |                                 |           |           |
| 最短励磁时间<br>Shortest Excitation Time        | 0.05秒 / 0.05 Second                   |          |                                     |           |           |   |          |                                 |           |           |

# 4V100系列电磁阀、气控阀

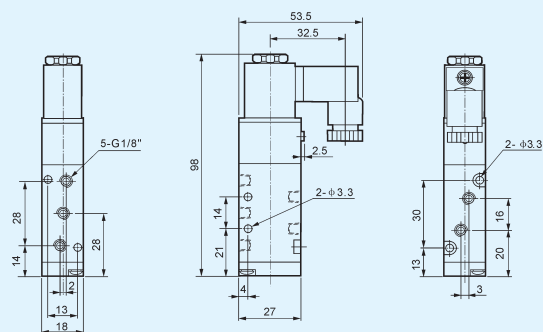
## 4V100 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

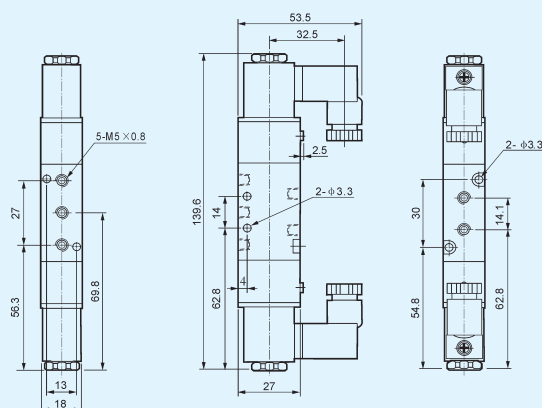
4V110-M5



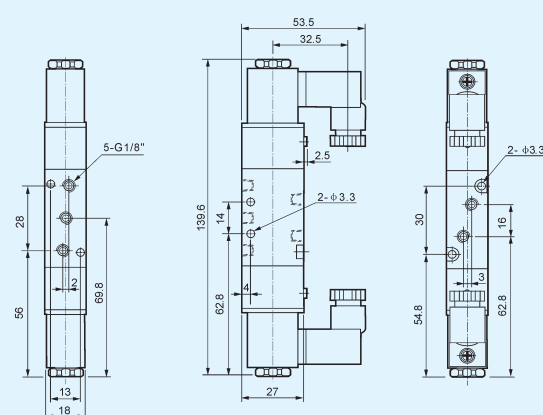
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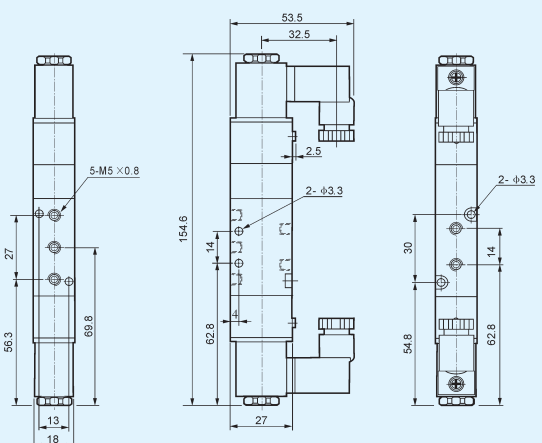
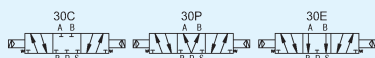
4V120-M5



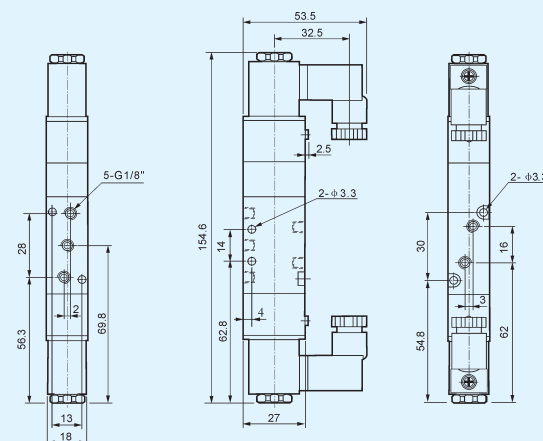
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4V130-M5



4V130-06

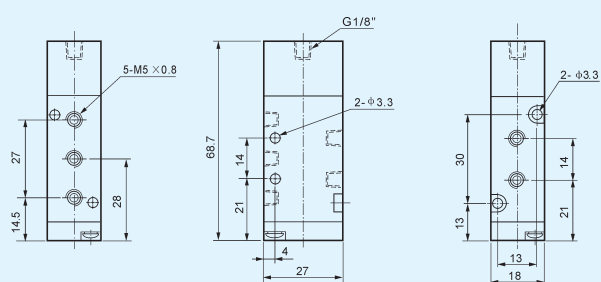
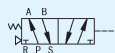


# 4V100系列电磁阀、气控阀

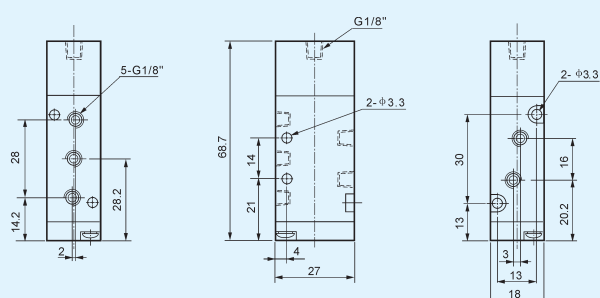
## 4V100 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

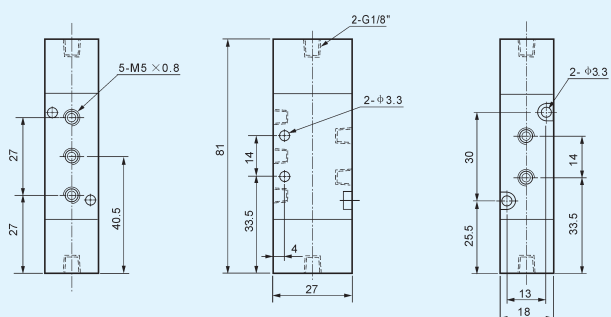
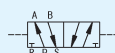
4A110-M5



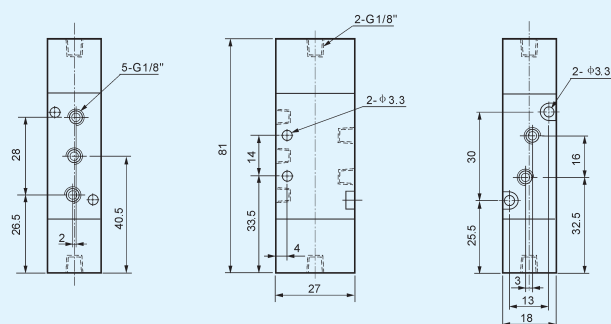
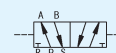
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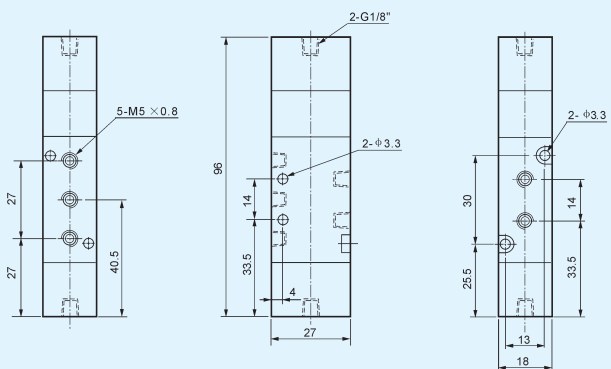
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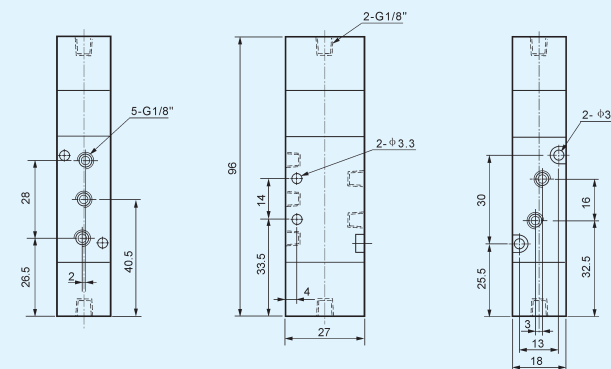
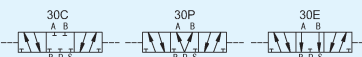
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4A130-M5



4A130-06



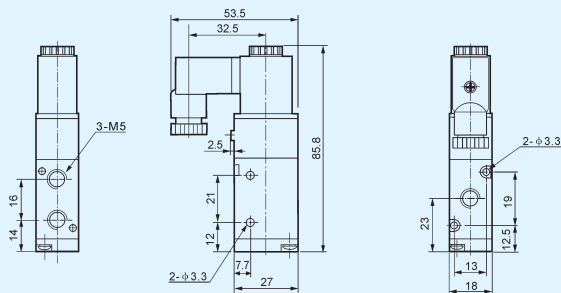
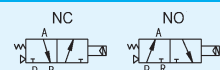


# 4V100系列电磁阀、气控阀

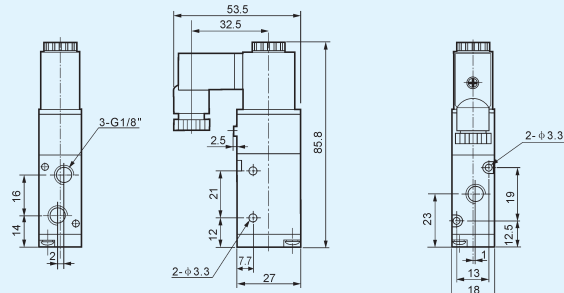
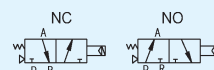
## 4V100 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

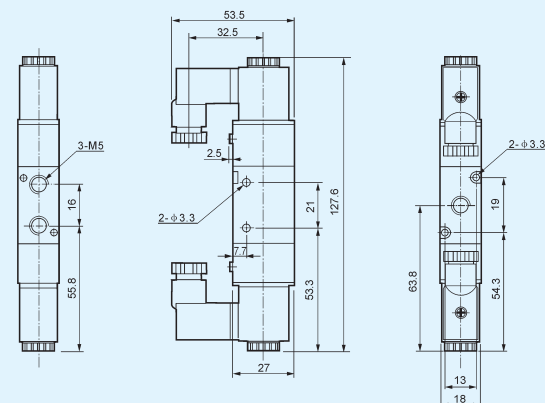
3V110-M5



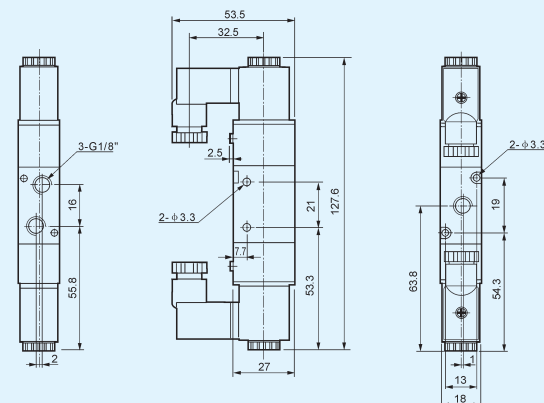
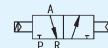
3V110-06



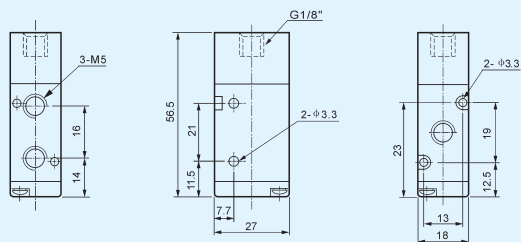
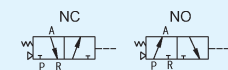
3V120-M5



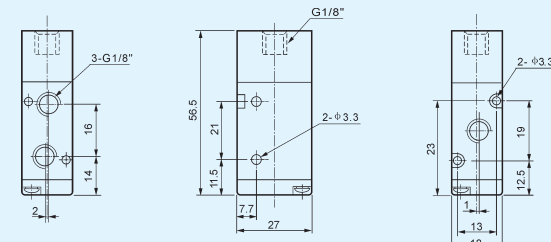
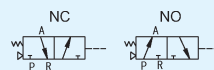
3V120-06



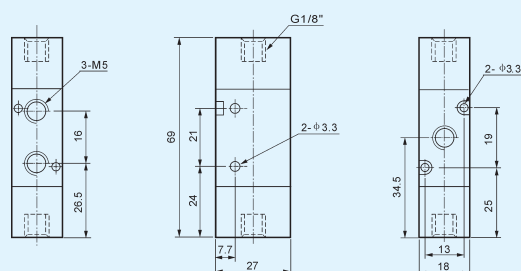
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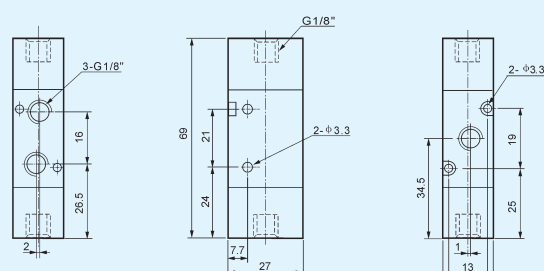
3A110-06



3A120-M5



3A120-06



## 4V200系列电磁阀、气控阀

### 4V200 Series Solenoid Valve, Pneumatic Control Valve



#### 订购码 Ordering Code

| 4V   | 2  | 10   | -   | 08  | B   | -  | AC220V | - | W |
|--|--|--|---|---|---|--|--------|---|---|
| <b>规格代码</b><br>4V:二(三)位五通电磁阀<br>4A:二(三)位五通气控阀<br>3V:二位三通电磁阀<br>3A:二位三通气控阀<br><b>Specification Code</b><br>4V:Two (Three)-position Five-way Solenoid Valve<br>4A:Two (Three)-position Five-way Pneumatic Control Valve<br>3V:Two-position Three-way Solenoid Valve<br>3A:Two-position Three-way Pneumatic Control Valve | <b>系列代码</b><br>200系列<br><b>Series Code</b><br>200 Series | <b>线圈及位数</b><br>10:单头双位置<br>20:双头双位置<br>30C:双头三位置封闭型<br>30E:双头三位置排气型<br>30P:双头三位置压力型<br><b>Coil and Places</b><br>10:Single-head Double-position<br>20:Double-head Double-position<br>30C:Double-head Three-position Close Type<br>30E:Double-head Three-position Exhaust Type<br>30P:Double-head Three-position Pressure Type | <b>接管口径</b><br><b>Joint Pipe Bore</b><br>06: 1/8"<br>08: 1/4" | <b>接管形式及初始状态</b><br>空白:管接式<br>B:二位五通板接式<br>三位五通板接式<br>NC:二位三通常闭型<br>NO:二位三通常开型<br><b>Joint Pipe Form and Initial State</b><br>Blank:Pipe Connection Type<br>B:Two-position Five-way Plate Connection Type<br>Three-position Five-way Plate Connection Type<br>NC:Two-position Three-way Normal Close Type<br>NO:Two-position Three-way Normal Open Type | <b>标准电压</b><br><b>Standard Voltage</b><br>DC12V<br>DC24V<br>AC24V 50Hz/60Hz<br>AC110V 50Hz/60Hz<br>AC220V 50Hz/60Hz<br>AC380V 50Hz/60Hz | <b>接线形式</b><br>空白: 标准端子式<br>LD:茶色带灯端子式<br>LD:白色带灯端子式<br>W:引线式<br><b>Wiring Form</b><br>Blank:standard Connector<br>LD:Brown with Lighting Connector<br>LD:White with Lighting Connector<br>W: Lead Wire Type |        |   |   |

#### 规格 Specification

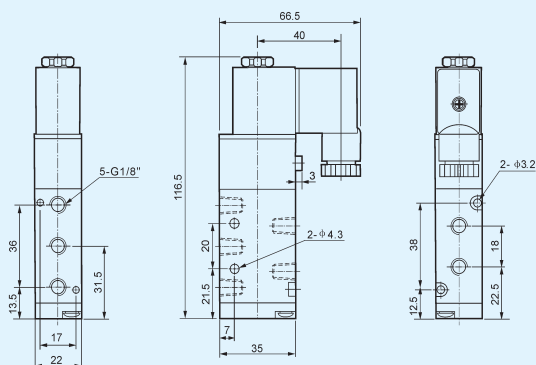
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|---|---------------------------------------|----------|------------------------------------|-----------|-----------|-------------------------------|----------|--|-----------|-----------|
| 型 号<br>Model                              | 4V210-06                              | 4V220-06 | 4V230C-06                          | 4V230E-06 | 4V230P-06 | 4V210-08                      | 4V220-08 | 4V230C-08                                | 4V230E-08 | 4V230P-08 |
|   | 4A210-06                              | 4A220-06 | 4A230C-06                          | 4A230E-06 | 4A230P-06 | 4A210-08                      | 4A220-08 | 4A230C-08                                | 4A230E-08 | 4A230P-08 |
| 位通数<br>Position and Way NO.               | 二位五通<br>Two-position Five-way         |          | 三位五通<br>Three-position Five-way    |           |           | 二位五通<br>Two-position Five-way |          | 三位五通<br>Three-position Five-way          |           |           |
| 有效截面积<br>Effective Sectional Area         | 14mm <sup>2</sup> (CV=0.78)           |          | 12mm <sup>2</sup> (CV=0.67)        |           |           | 16mm <sup>2</sup> (CV=0.89)   |          | 12mm <sup>2</sup> (CV=0.67)              |           |           |
| 型 号<br>Model                              | 3V210-06                              | 3V220-06 | 3A210-06                           | 3A220-06  | 3V210-08  | 3V220-08                      | 3A210-08 | 3A220-08                                 |           |           |
| 位通数<br>Position and Way NO.               | 二位三通 Two-position Three-way           |          |                                    |           |           | 二位三通 Two-position Three-way   |          |  |           |           |
| 有效截面积<br>Effective Section Area           | 14mm <sup>2</sup> (CV=0.78)           |          |                                    |           |           | 16mm <sup>2</sup> (CV=0.89)   |          |  |           |           |
| 接管口径<br>Joint Pipe Bore                   | 进气=出气=排气= G1/8"                       |          | Air Inlet=Air Outlet=Exhaust=G1/8" |           |           | 进气=出气=G1/4" 排气=G1/8"          |          | Air Inlet=Air Outlet=G1/4" Exhaust=G1/8" |           |           |
| 工作介质<br>Working Medium                    | 经40微米过滤的空气 / 40 Micron Filtered Air   |          |                                    |           |           |                               |          |  |           |           |
| 动作方式<br>Motion Pattern                    | 内部先导式 / Inner Guide Type              |          |                                    |           |           |                               |          |  |           |           |
| 使用压力<br>Working-pressure                  | 0.15~0.8MPa                           |          |                                    |           |           |                               |          |  |           |           |
| 最大耐压力<br>Max. Pressure Resistance         | 1.2MPa                                |          |                                    |           |           |                               |          |  |           |           |
| 工作温度<br>Operating Temperature             | 5~50℃                                 |          |                                    |           |           |                               |          |  |           |           |
| 电压范围<br>Voltage Range                     | ±10%                                  |          |                                    |           |           |                               |          |  |           |           |
| 耗电量<br>Power Consumption                  | AC: 4.5VA DC: 3W                      |          |                                    |           |           |                               |          |  |           |           |
| 绝缘性及防护等级<br>Insulation & Protection Class | F级. IP65 / F Class. IP65              |          |                                    |           |           |                               |          |  |           |           |
| 接线形式<br>Wiring Form                       | 出线式或端子式 / Lead Wire or Connector type |          |                                    |           |           |                               |          |  |           |           |
| 最高动作频率<br>Highest Action Frequency        | 每秒五次 / 5 Cycle / Sec                  |          |                                    |           |           |                               |          |  |           |           |
| 最短励磁时间<br>Shortest Excitation Time        | 0.05秒 / 0.05 Second                   |          |                                    |           |           |                               |          |  |           |           |

# 4V200系列电磁阀、气控阀

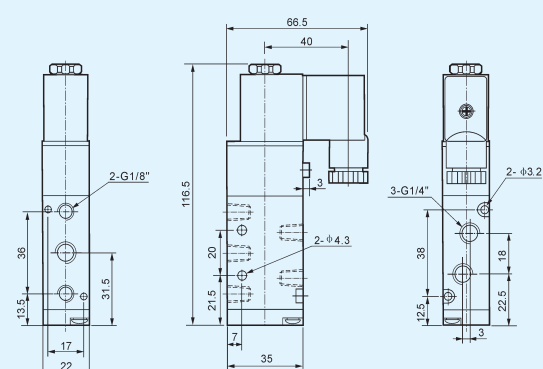
## 4V200 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

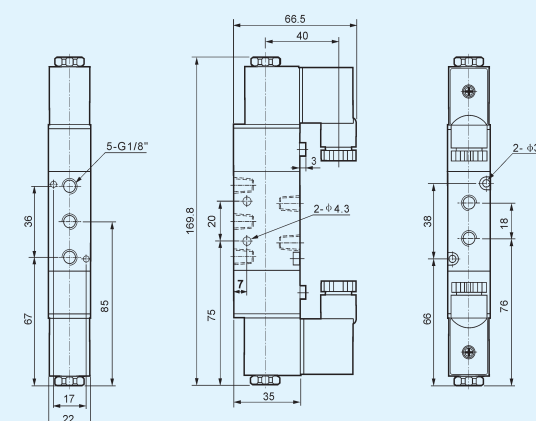
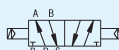
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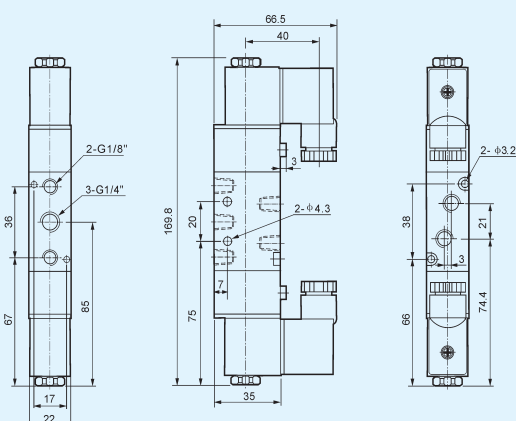
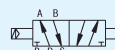
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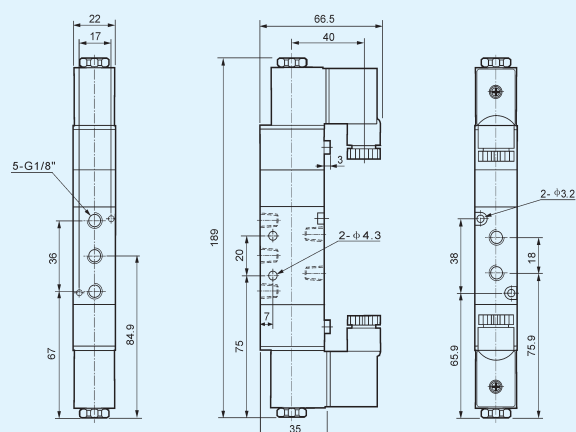
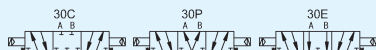
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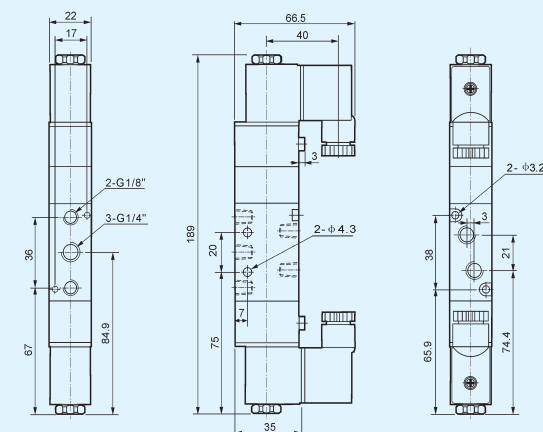
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4V230-06



4V230-08

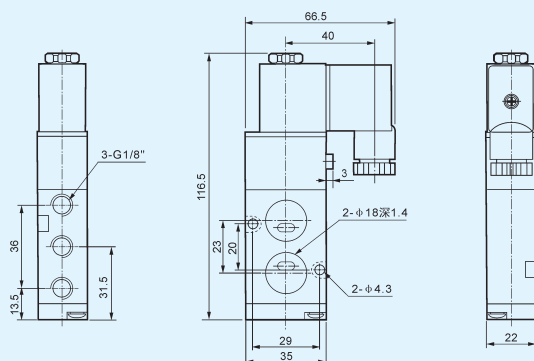
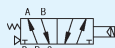


# 4V200系列电磁阀、气控阀

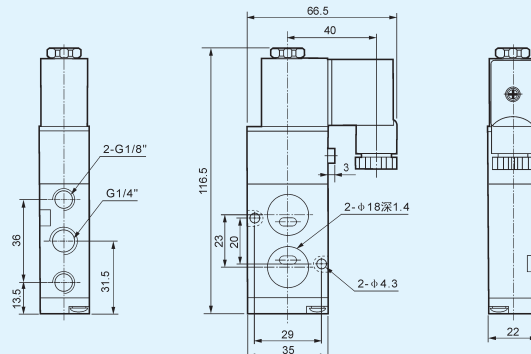
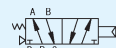
## 4V200 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

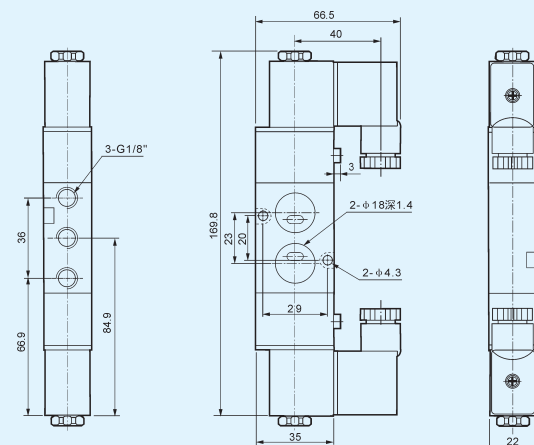
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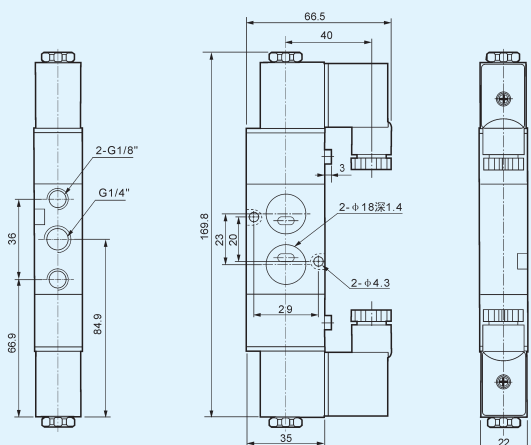
4V210-08B



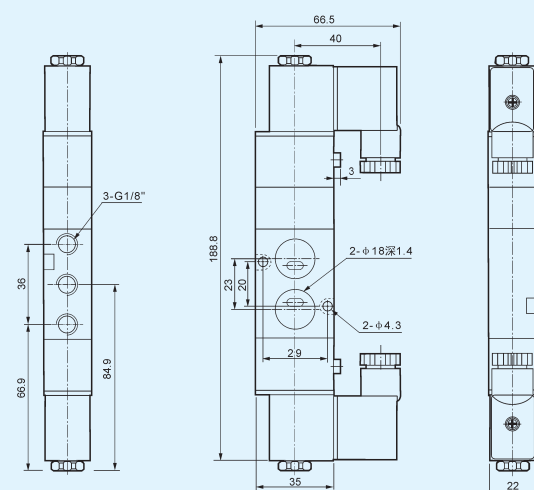
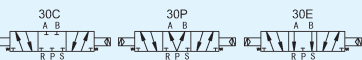
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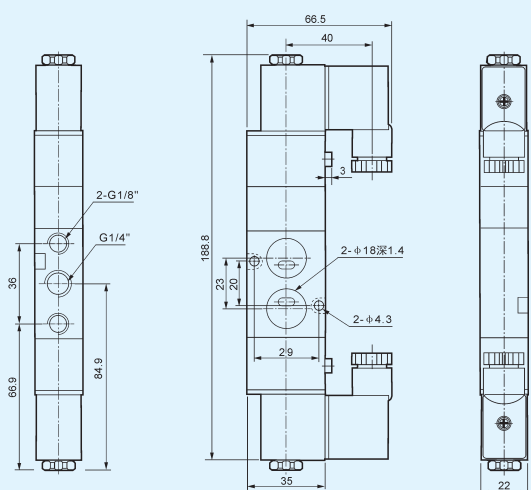
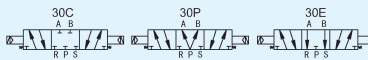
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4V230-06B



4V230-08B

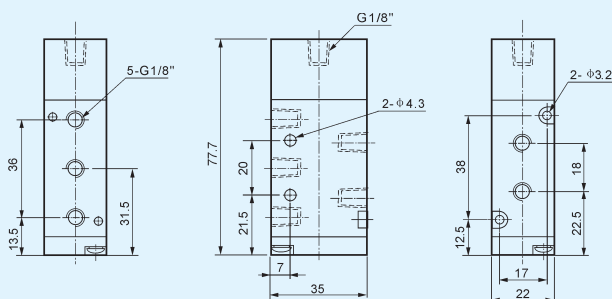


# 4V200系列电磁阀、气控阀

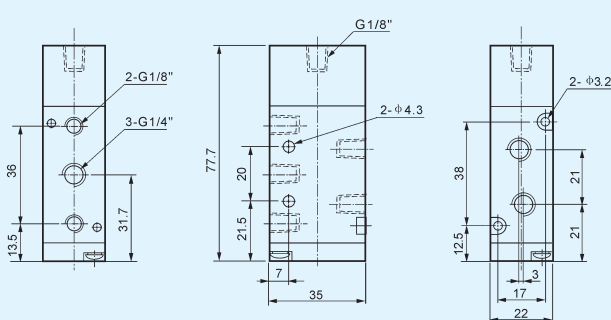
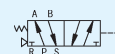
## 4V200 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

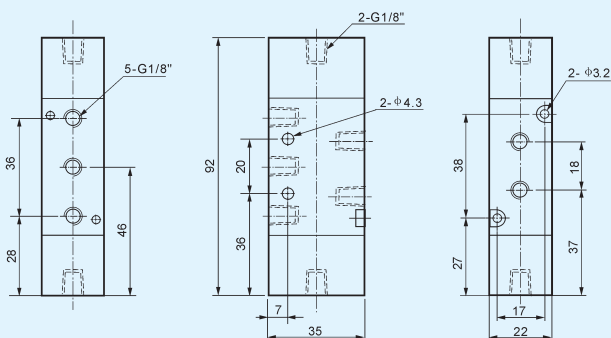
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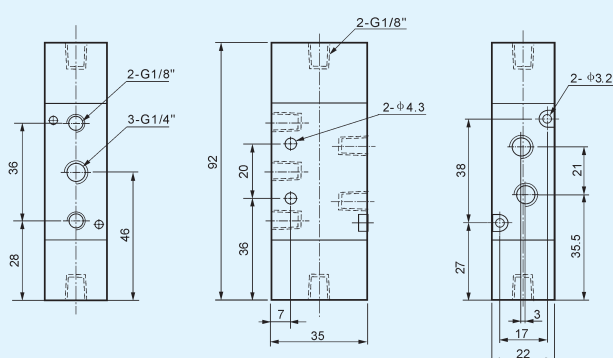
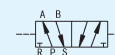
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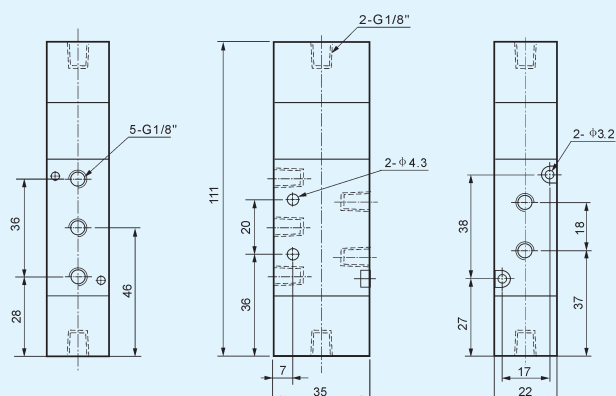
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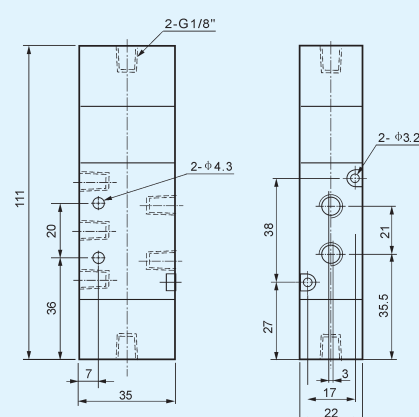
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4A230-06



4A230-08

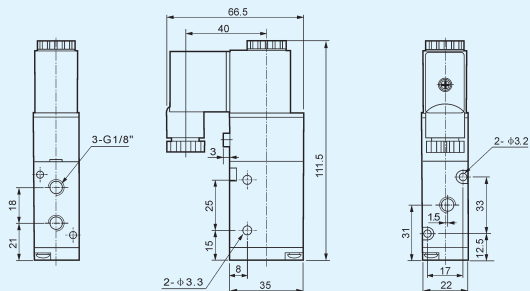




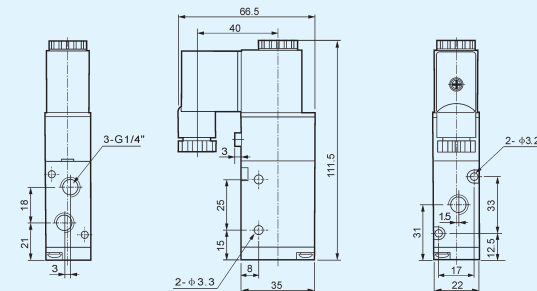
# 4V200系列电磁阀、气控阀 4V200 Series Solenoid Valve, Pneumatic Control Valve

## 外形尺寸 Overall Dimension

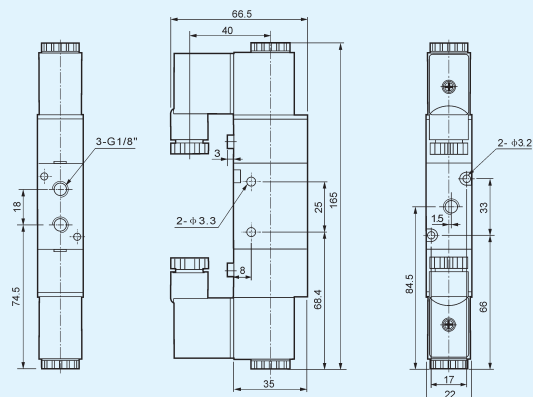
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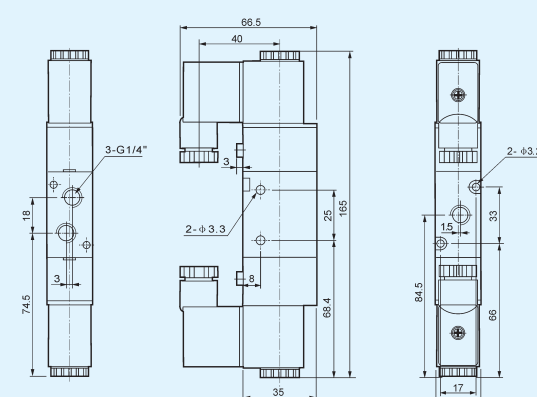
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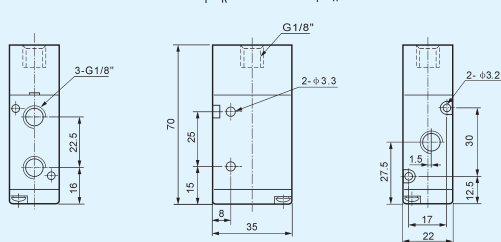
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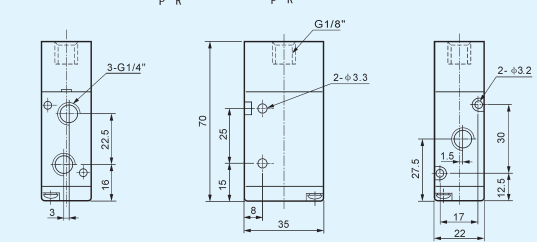
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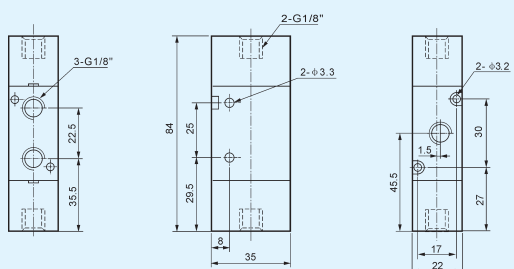
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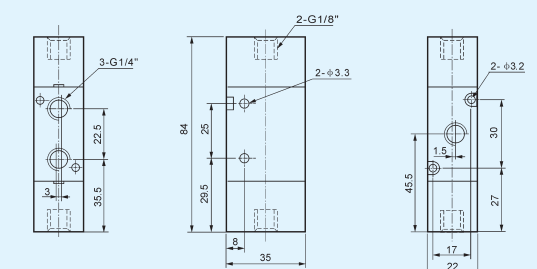
3A210-08 NC NO



3A220-06 NC NO



3A220-08 NC NO



# 4V300系列电磁阀、气控阀

## 4V300 Series Solenoid Valve, Pneumatic Control Valve



### 订购码 Ordering Code

|   |  |   |   |  |   |   |   |   |   |
|---|--|---|---|--|---|---|---|---|---|
| <div>4V</div> <div>规格代码</div> <div>4V:二(三)位五通电磁阀<br/>4A:二(三)位五通气控阀<br/>3V:二位三通电磁阀<br/>3A:二位三通气控阀</div> <div>Specification Code</div> <div>4V:Two (Three)-position Five-way Solenoid Valve<br/>4A:Two (Three)-position Five-way Pneumatic Control Valve<br/>3V:Two-position Three-way Solenoid Valve<br/>3A:Two-position Three-way Pneumatic Control Valve</div> | <div>3</div> <div>系列代码</div> <div>300系列</div> <div>Series Code</div> <div>300 Series</div> | <div>10</div> <div>线圈及位数</div> <div>10:单头双位置<br/>20:双头双位置<br/>30C:双头三位置封闭型<br/>30E:双头三位置排气型<br/>30P:双头三位置压力型</div> <div>Coil and Places</div> <div>10:Single-head Double-position<br/>20:Double-head Double-position<br/>30C:Double-head Three-position Close Type<br/>30E:Double-head Three-position Exhaust Type<br/>30P:Double-head Three-position Pressure Type</div> | - | <div>10</div> <div>接管口径</div> <div>Joint Pipe</div> <div>Bore</div> <div>08: 1/4"<br/>10: 3/8"</div> | <div>B</div> <div>接管形式及初始状态</div> <div>空白:管接式<br/>B:二位五通板接式<br/>三位五通板接式<br/>NC:二位三通常闭型<br/>NO:二位三通常开型</div> <div>Joint Pipe Form and Initial State</div> <div>Blank:Pipe Connection Type<br/>B:Two-position Five-way Plate Connection Type<br/>Three-position Five-way Plate Connection Type<br/>NC:Two-position Three-way Normal Close Type<br/>NO:Two-position Three-way Normal Open Type</div> | - | <div>AC220V</div> <div>标准电压</div> <div>Standard Voltage</div> <div>DC12V<br/>DC24V<br/>AC24V 50Hz/60Hz<br/>AC110V 50Hz/60Hz<br/>AC220V 50Hz/60Hz<br/>AC380V 50Hz/60Hz</div> | - | <div>W</div> <div>接线形式</div> <div>空白:标准端子式<br/>LD:茶色带灯端子式<br/>LD:白色带灯端子式<br/>W:引线式</div> <div>Wiring Form</div> <div>Blank:standard Connector<br/>LD:Brown with Lighting Connector<br/>LD:White with Lighting Connector<br/>W: Lead Wire Type</div> |
|---|--|---|---|--|---|---|---|---|---|

### 规格 Specification

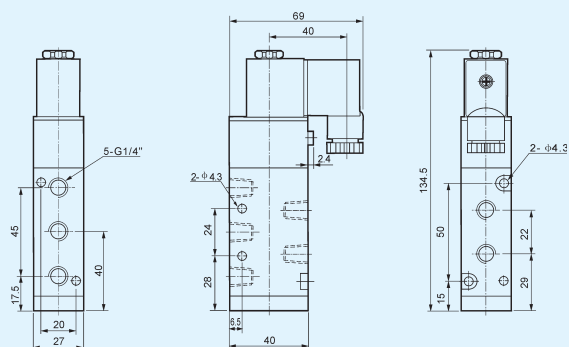
|   |  |          |                                 |           |           |  |          |                                 |           |           |
|---|--|----------|---------------------------------|-----------|-----------|--|----------|---------------------------------|-----------|-----------|
| 型 号                                       | 4V310-08   | 4V320-08 | 4V330C-08                       | 4V330E-08 | 4V330P-08 | 4V310-10   | 4V320-10 | 4V330C-10                       | 4V330E-10 | 4V330P-10 |
| Model                                     | 4A310-08   | 4A320-08 | 4A330C-08                       | 4A330E-08 | 4A330P-08 | 4A310-10   | 4A320-10 | 4A330C-10                       | 4A330E-10 | 4A330P-10 |
| 位通数<br>Position and Way NO.               | 二位五通<br>Two-position Five-way                        |          | 三位五通<br>Three-position Five-way |           |           | 二位五通<br>Two-position Five-way  |          | 三位五通<br>Three-position Five-way |           |           |
| 有效截面积<br>Effective Sectional Area         | 25mm <sup>2</sup> (CV=1.40)                          |          | 18mm <sup>2</sup> (CV=1.00)     |           |           | 30mm <sup>2</sup> (CV=1.68)  |          | 18mm <sup>2</sup> (CV=1.00)     |           |           |
| 型 号<br>Model                              | 3V310-08   | 3V320-08 | 3A310-08                        | 3A320-08  | 3V310-10  | 3V320-10   | 3A310-10 | 3A320-10                        |           |           |
| 位通数<br>Position and Way NO.               | 二位三通 Two-position Three-way                          |          |                                 |           |           | 二位三通 Two-position Three-way  |          |                                 |           |           |
| 有效截面积<br>Effective Section Area           | 25mm <sup>2</sup> (CV=1.40)                          |          |                                 |           |           | 30mm <sup>2</sup> (CV=1.68)  |          |                                 |           |           |
| 接管口径<br>Joint Pipe Bore                   | 进气＝出气＝排气＝G1/4"    Air Inlet=Air Outlet=Exhaust=G1/4" |          |                                 |           |           | 进气＝出气＝G3/8"    排气＝G1/4"    Air Inlet=Air Outlet=G3/8"    Exhaust=G1/4" |          |                                 |           |           |
| 工作介质<br>Working Medium                    | 经40微米过滤的空气    /    40 Micron Filtered Air            |          |                                 |           |           |  |          |                                 |           |           |
| 动作方式<br>Motion Pattern                    | 内部先导式    /    Inner Guide Type                       |          |                                 |           |           |  |          |                                 |           |           |
| 使用压力<br>Working-pressure                  | 0.15~0.8MPa  |          |                                 |           |           |  |          |                                 |           |           |
| 最大耐压力<br>Max. Pressure Resistance         | 1.2MPa   |          |                                 |           |           |  |          |                                 |           |           |
| 工作温度<br>Operating Temperature             | 5~50℃  |          |                                 |           |           |  |          |                                 |           |           |
| 电压范围<br>Voltage Range                     | ±10%   |          |                                 |           |           |  |          |                                 |           |           |
| 耗电量<br>Power Consumption                  | AC: 4.5VA    DC: 3W                                  |          |                                 |           |           |  |          |                                 |           |           |
| 绝缘性及防护等级<br>Insulation & Protection Class | F级 . IP65    /    F Class. IP65                      |          |                                 |           |           |  |          |                                 |           |           |
| 接线形式<br>Wiring Form                       | 出线式或端子式    /    Lead Wire or Connector type          |          |                                 |           |           |  |          |                                 |           |           |
| 最高动作频率<br>Highest Action Frequency        | 每秒五次    /    5 Cycle / Sec                           |          |                                 |           |           |  |          |                                 |           |           |
| 最短励磁时间<br>Shortest Excitation Time        | 0.05秒    /    0.05 Second                            |          |                                 |           |           |  |          |                                 |           |           |

# 4V300系列电磁阀、气控阀

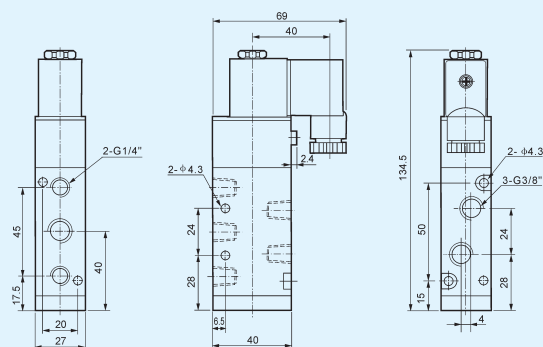
## 4V300 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

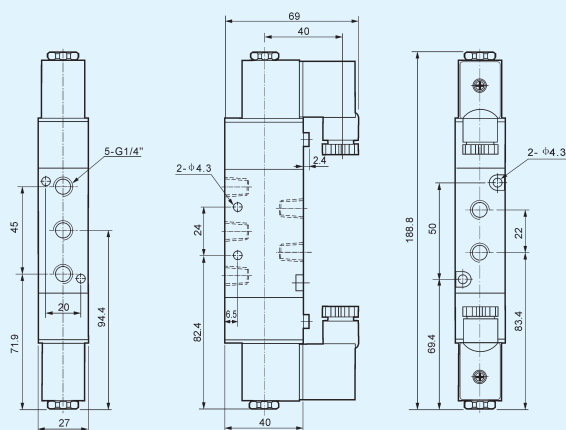
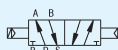
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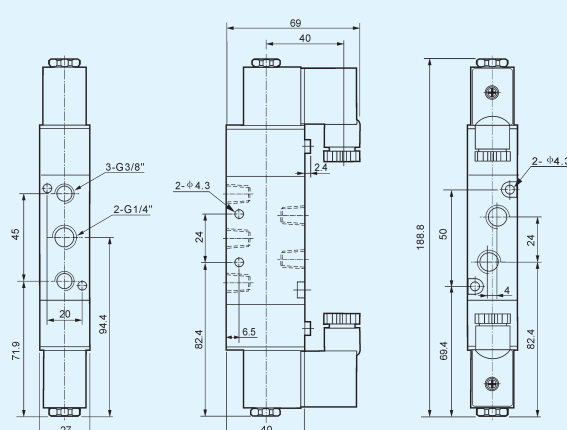
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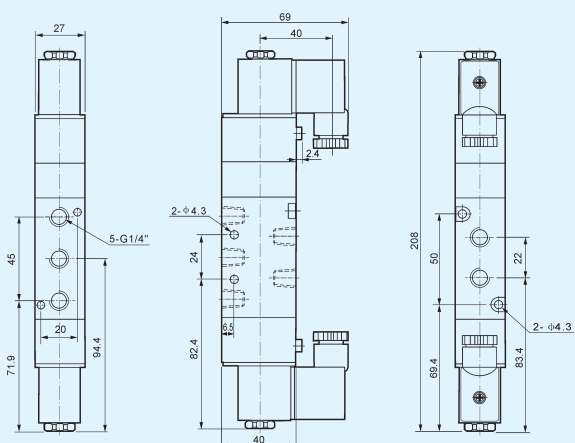
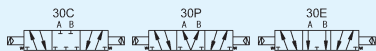
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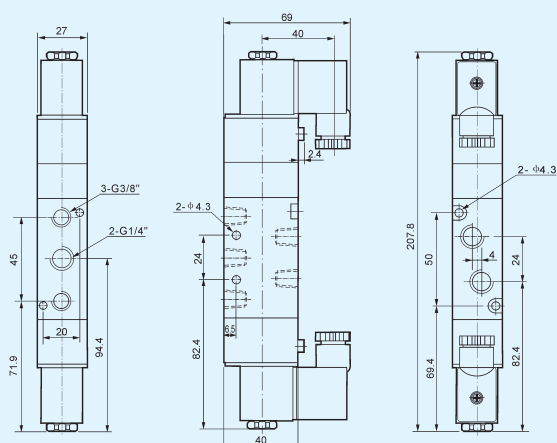
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4V330-08



4V330-10

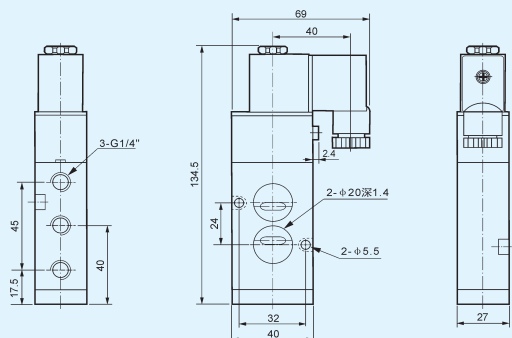


# 4V300系列电磁阀、气控阀

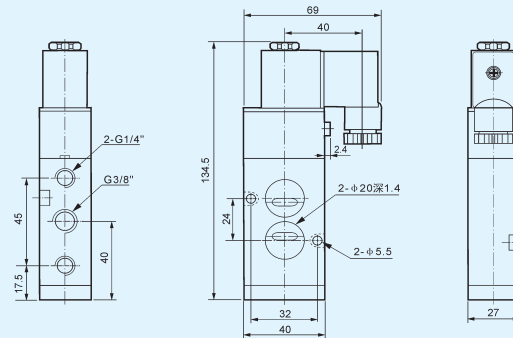
## 4V300 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

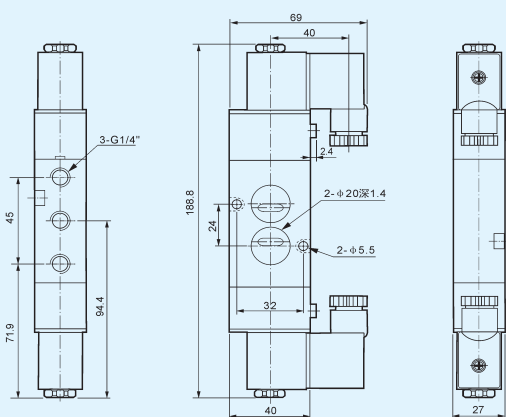
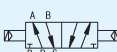
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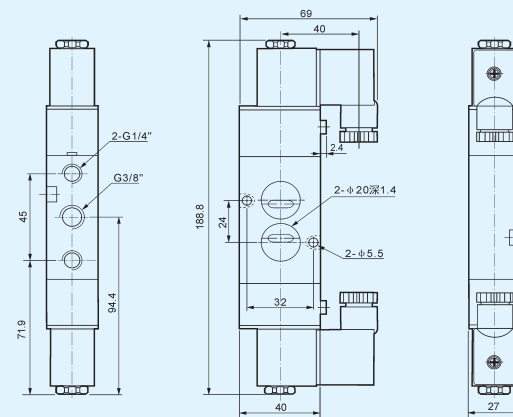
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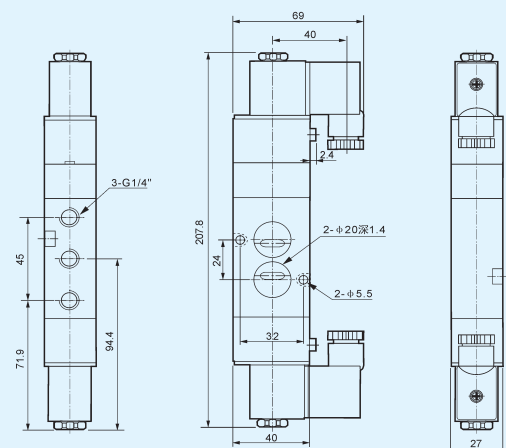
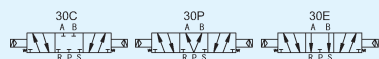
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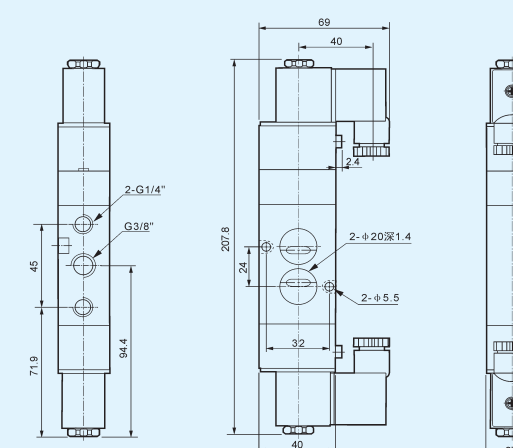
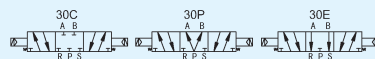
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4V330-08B



4V330-10B

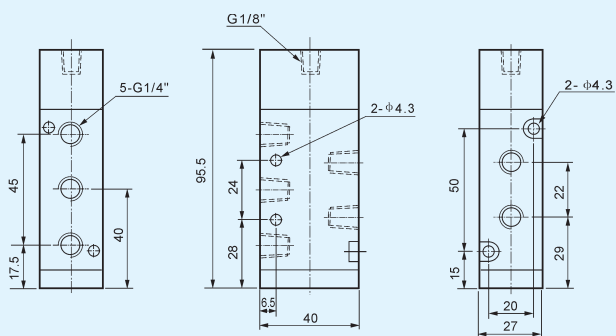


# 4V300系列电磁阀、气控阀

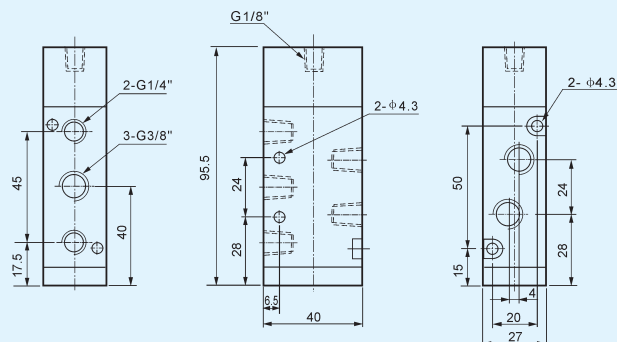
## 4V300 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

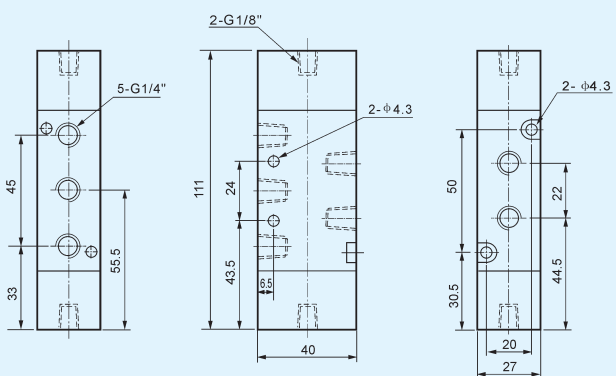
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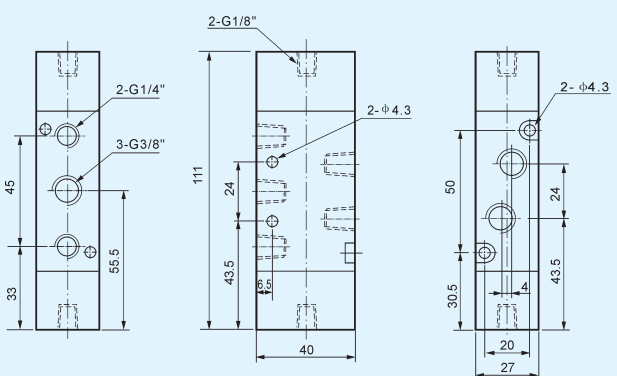
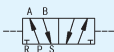
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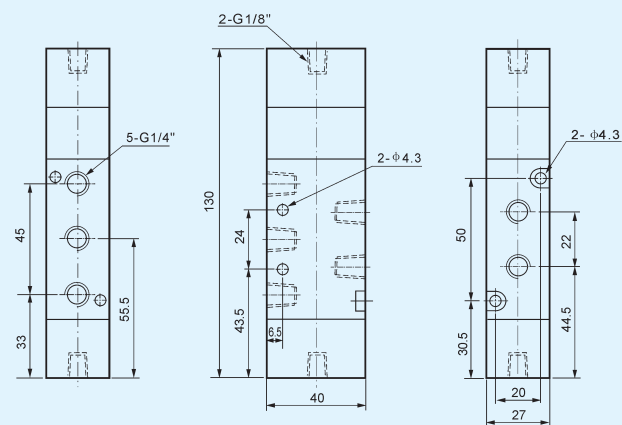
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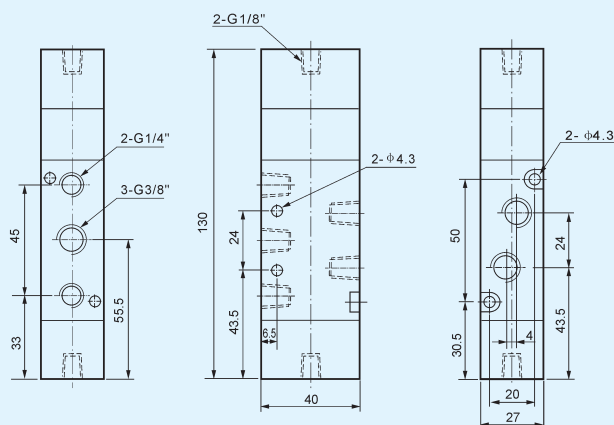
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4A330-08



4A330-10



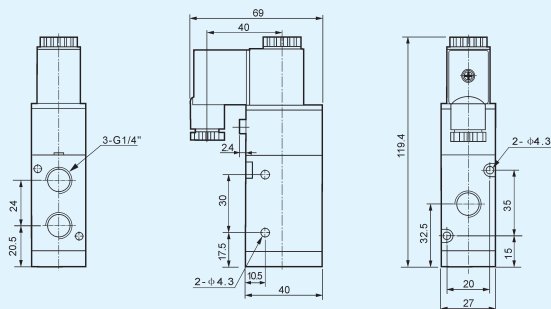
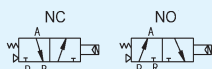


# 4V300系列电磁阀、气控阀

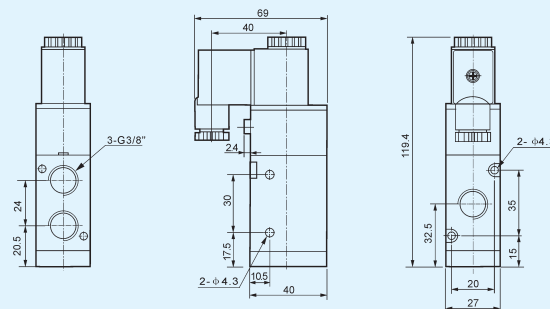
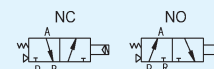
## 4V300 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

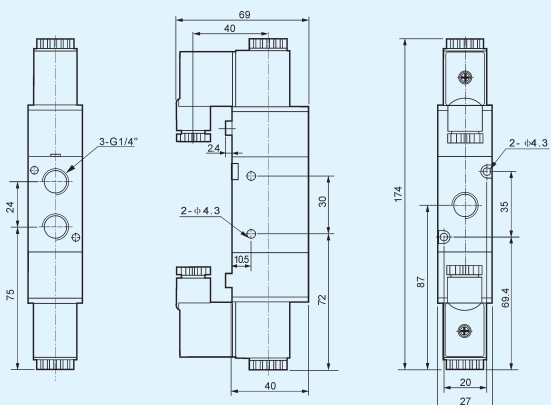
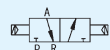
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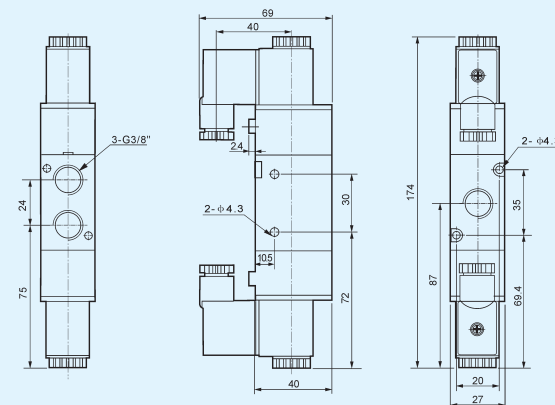
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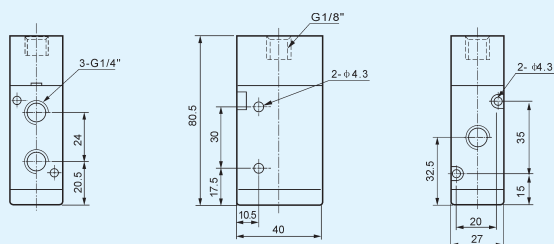
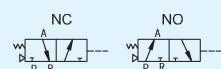
3V320-08



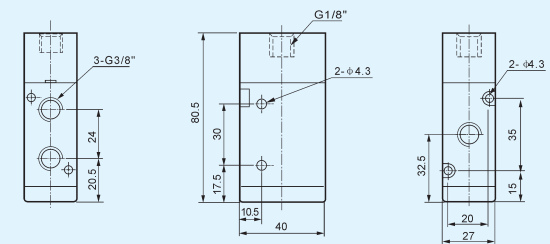
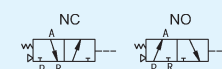
3V320-10



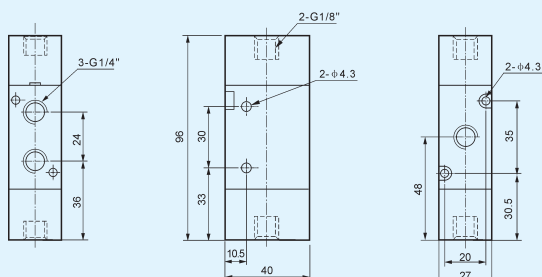
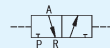
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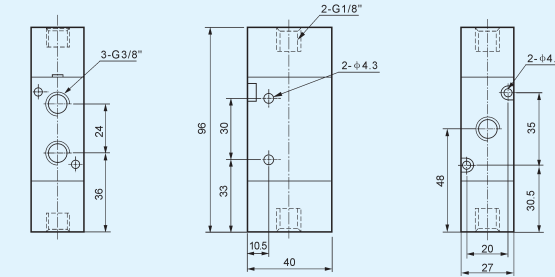
3A310-10



3A320-08



3A320-10



## 4V400系列电磁阀、气控阀

### 4V400 Series Solenoid Valve, Pneumatic Control Valve



#### 订购码 Ordering Code

**4V****规格代码**

4V:二(三)位五通电磁阀  
4A:二(三)位五通气控阀  
3V:二位三通电磁阀  
3A:二位三通气控阀

**Specification Code**

4V:Two (Three)-position Five-way Solenoid Valve  
4A:Two (Three)-position Five-way Pneumatic Control Valve  
3V:Two-position Three-way Solenoid Valve  
3A:Two-position Three-way Pneumatic Control Valve

**4****系列代码**

400系列  
**Series Code**  
400 Series

**10****线圈及位数**

10:单头双位置  
20:双头双位置  
30C:双头三位置封闭型  
30E:双头三位置排气型  
30P:双头三位置压力型

**Coil and Places**

10:Single-head Double-position  
20:Double-head Double-position  
30C:Double-head Three-position Close Type  
30E:Double-head Three-position Exhaust Type  
30P:Double-head Three-position Pressure Type

**15****接管口径**  
**Joint Pipe Bore**

15: 1/2"

**B****接管形式及初始状态**

空白:管接式  
B:二位五通板接式  
三位五通板接式  
NC:二位三通常闭型  
NO:二位三通常开型

**Joint Pipe Form and Initial State**

Blank:Pipe Connection Type  
B:Two-position Five-way Plate Connection Type  
Three-position Five-way Plate Connection Type  
NC:Two-position Three-way Normal Close Type  
NO:Two-position Three-way Normal Open Type

**AC220V****标准电压**

**Standard Voltage**  
DC12V  
DC24V  
AC24V 50Hz/60Hz  
AC110V 50Hz/60Hz  
AC220V 50Hz/60Hz  
AC380V 50Hz/60Hz

**W****接线形式**

空白:标准端子式  
LD:茶色带灯端子式  
LD::白色带灯端子式  
W:引线式

**Wiring Form**

Blank:standard Connector  
LD:Brown with Lighting Connector  
LD::White with Lighting Connector  
W: Lead Wire Type

#### 规格 Specification

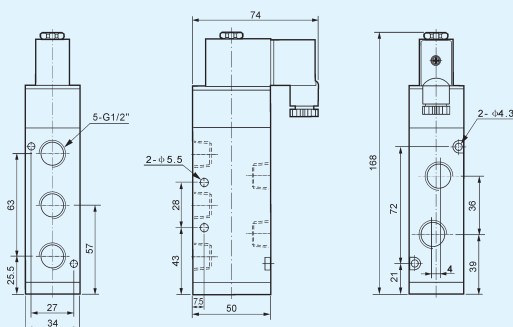
|   |   |          |                                 |           |           |
|---|---|----------|---------------------------------|-----------|-----------|
| 型 号<br>Model                              | 4V410-15  | 4V420-15 | 4V430C-15                       | 4V430E-15 | 4V430P-15 |
|   | 4A410-15  | 4A420-15 | 4A430C-15                       | 4A430E-15 | 4A430P-15 |
| 位通数<br>Position and Way NO.               | 二位五通<br>Two-position Five-way                     |          | 三位五通<br>Three-position Five-way |           |           |
| 有效截面积<br>Effective Sectional Area         | 50mm <sup>2</sup> (CV=2.79)                       |          | 30mm <sup>2</sup> (CV=1.68)     |           |           |
| 型 号<br>Model                              | 3V410-15  | 3V420-15 | 3A410-15                        | 3A420-15  |           |
| 位通数<br>Position and Way NO.               | 二位三通 Two-position Three-way                       |          |                                 |           |           |
| 有效截面积<br>Effective Section Area           | 50mm <sup>2</sup> (CV=2.79)                       |          |                                 |           |           |
| 接管口径<br>Joint Pipe Bore                   | 进气=排气=排气=G1/2" Air Inlet=Air Outlet=Exhaust=G1/2" |          |                                 |           |           |
| 工作介质<br>Working Medium                    | 经40微米过滤的空气 / 40 Micron Filtered Air               |          |                                 |           |           |
| 动作方式<br>Motion Pattern                    | 内部先导式 / Inner Guide Type                          |          |                                 |           |           |
| 使用压力<br>Working-pressure                  | 0.15~0.8MPa                                       |          |                                 |           |           |
| 最大耐压力<br>Max. Pressure Resistance         | 1.2MPa  |          |                                 |           |           |
| 工作温度<br>Operating Temperature             | 5~50℃   |          |                                 |           |           |
| 电压范围<br>Voltage Range                     | ±10%  |          |                                 |           |           |
| 耗电量<br>Power Consumption                  | AC: 4.5VA DC: 3W                                  |          |                                 |           |           |
| 绝缘性及防护等级<br>Insulation & Protection Class | F级. IP65 / F Class. IP65                          |          |                                 |           |           |
| 接线形式<br>Wiring Form                       | 出线式或端子式 / Lead Wire or Connector type             |          |                                 |           |           |
| 最高动作频率<br>Highest Action Frequency        | 每秒五次 / 5 Cycle / Sec                              |          |                                 |           |           |
| 最短励磁时间<br>Shortest Excitation Time        | 0.05秒 / 0.05 Second                               |          |                                 |           |           |

# 4V400系列电磁阀、气控阀

## 4V400 Series Solenoid Valve, Pneumatic Control Valve

### 外形尺寸 Overall Dimension

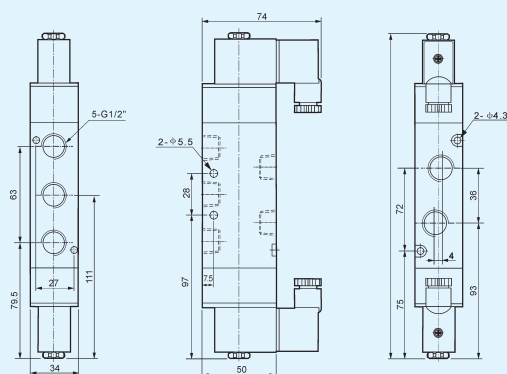
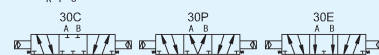
4V410-15



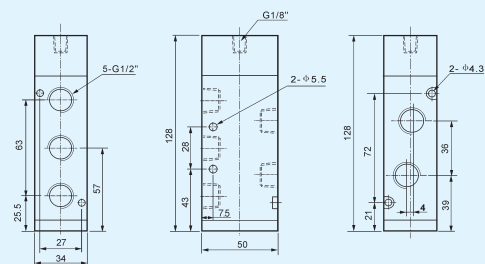
4V420-15



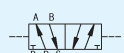
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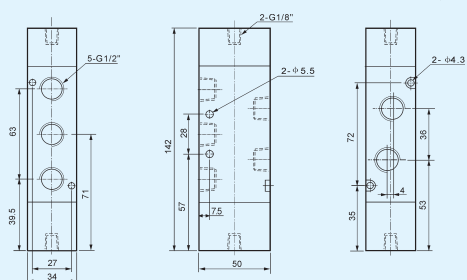
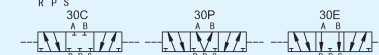
4A410-15



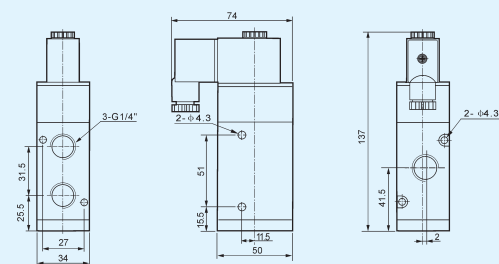
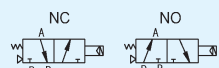
4A420-15



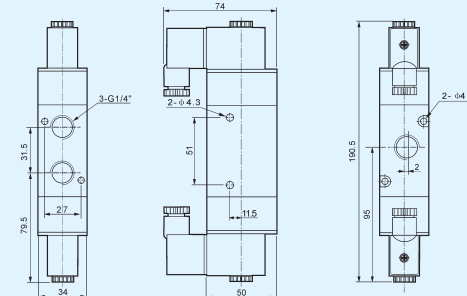
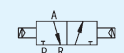
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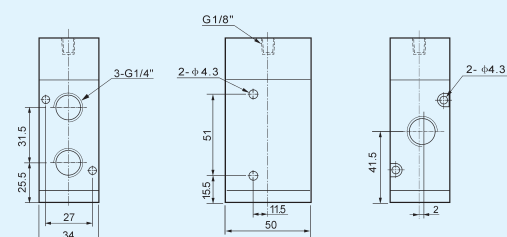
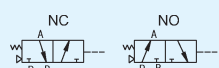
3V410-15



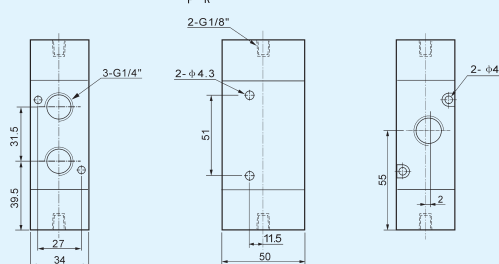
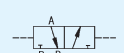
3V420-15



3A410-15



3A420-15



## 4V、4A系列汇流板、阀体

### 4V,4A Series Valve Base



#### 底座订购码 Base Ordering Code

**100M**

规格代号

**Specification Code**

100M:100系列用底座/Base for 100 Series Use  
200M:200系列用底座/Base for 200 Series Use  
300M:300系列用底座/Base for 300 Series Use  
400M:400系列用底座/Base for 400 Series Use

**□F**

连座数目

**Joint Base Number**

100M: 任意连/Wantonly Joint  
200M: 任意连/Wantonly Joint  
300M: 任意连/Wantonly Joint  
400M: 任意连/Wantonly Joint

#### 选配表 Select Compound Sheet

| 底座型号/阀型号<br>Base Model / Vavle Model | 4V100 | 4A100 | 4V200 | 4A200 | 4V300 | 4A300 | 4V400 | 4A400 |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 100M                                 | ●     |       |       |       |       |       |       |       |
| 200M                                 |       |       | ●     |       |       |       |       |       |
| 300M                                 |       |       |       |       | ●     |       |       |       |
| 400M                                 |       |       |       |       |       |       | ●     |       |

#### 盲板订购码 Blind Plate Ordering Code

**200M**

系列代号 / Series Code

100M:100系列用/For 100 Series Use  
200M:200系列用/For 200 Series Use  
300M:300系列用/For 300 Series Use  
400M:400系列用/For 400 Series Use

**B**

盲板代号

**Blind Plate Code**

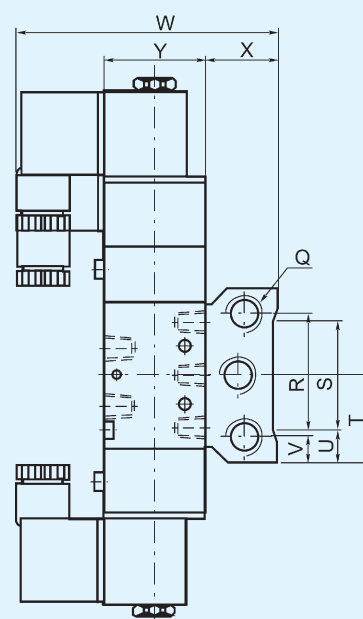
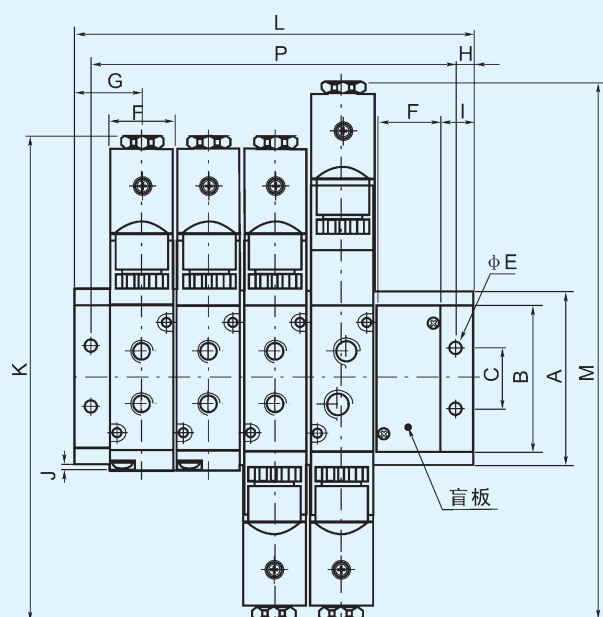
B:底座用盲板  
B:Base Purposed Blind Plate

**盲板使用场所:** 当底座数目超过电磁（气动）阀使用数目时，可先用盲板将多余阀座暂时密封。在临时增加电磁（气动）阀时再将其更换即可。这样可以达到系统扩充的目的。

## 4V、4A系列汇流板、阀体 4V,4A Series Valve Base

### 外形尺寸 Overall Dimension

#### 4V系列 / Series



### 尺寸表 Dimension Sheet

| 型号 Model | A   | B    | C  | E   | F    | G    | H | I    | J   | K     | L  |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----------|-----|------|----|-----|------|------|---|------|-----|-------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|          |     |      |    |     |      |      |   |      |     |       | 1F | 2F | 3F  | 4F  | 5F  | 6F  | 7F  | 8F  | 9F  | 10F | 11F | 12F | 13F | 14F | 15F | 16F |
| 100M-□F  | 58  | 43.2 | 20 | 4.5 | 18.3 | 19   | 5 | 10   | 0.8 | 139.4 | 38 | 57 | 76  | 95  | 114 | 133 | 152 | 171 | 190 | 209 | 228 | 247 | 266 | 285 | 304 | 323 |
| 200M-□F  | 61  | 50.7 | 21 | 4.5 | 22.4 | 23   | 6 | 12   | 1.2 | 170   | 46 | 69 | 92  | 115 | 138 | 161 | 184 | 207 | 230 | 253 | 276 | 299 | 322 | 345 | 368 | 391 |
| 300M-□F  | 75  | 64.8 | 26 | 4.5 | 27.3 | 27   | 6 | 13.5 | 2.5 | 188.8 | 54 | 82 | 110 | 138 | 166 | 194 | 222 | 250 | 278 | 306 | 334 | 362 | -   | -   | -   | -   |
| 400M-□F  | 104 | 94.5 | 32 | 5.5 | 34.3 | 31.5 | 7 | 14.5 | 5   | 221.8 | 63 | 98 | 133 | 168 | 203 | 238 | 273 | -   | -   | -   | -   | -   | -   | -   | -   | -   |

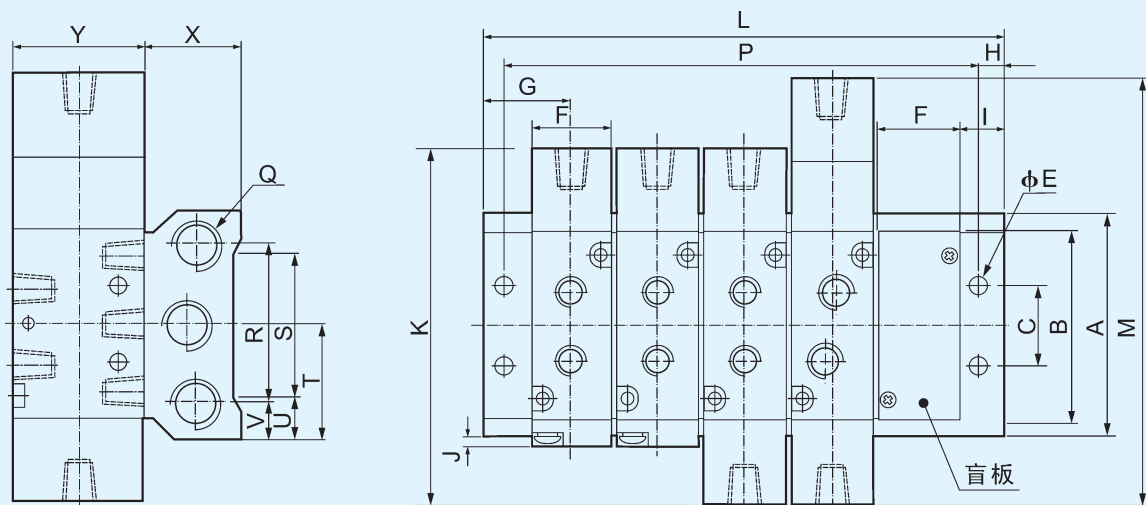
| 型号 Model | M     | P  |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Q     | R  | S  | T    | U    | V  | W     | X  | Y  |
|----------|-------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|----|------|------|----|-------|----|----|
|          |       | 1F | 2F | 3F  | 4F  | 5F  | 6F  | 7F  | 8F  | 9F  | 10F | 11F | 12F | 13F | 14F | 15F | 16F |       |    |    |      |      |    |       |    |    |
| 100M-□F  | 154.5 | 28 | 47 | 66  | 85  | 104 | 123 | 142 | 161 | 180 | 199 | 218 | 237 | 256 | 275 | 294 | 313 | PT1/4 | 40 | 30 | 29   | 14   | 9  | 79    | 25 | 27 |
| 200M-□F  | 189   | 34 | 57 | 80  | 103 | 126 | 149 | 172 | 195 | 218 | 241 | 264 | 287 | 310 | 333 | 356 | 379 | PT1/4 | 43 | 32 | 30.5 | 14.5 | 9  | 93    | 26 | 35 |
| 300M-□F  | 208   | 42 | 70 | 98  | 126 | 154 | 182 | 210 | 238 | 266 | 294 | 322 | 350 | -   | -   | -   | -   | PT3/8 | 53 | 48 | 37.5 | 13.5 | 11 | 99.5  | 30 | 40 |
| 400M-□F  | 243   | 49 | 84 | 119 | 154 | 189 | 224 | 259 | -   | -   | -   | -   | -   | -   | -   | -   | -   | PT1/2 | 68 | 67 | 52   | 18.5 | 18 | 112.5 | 38 | 50 |



# 4V、4A系列汇流板、阀体 4V,4A Series Valve Base

## 外形尺寸 Overall Dimension

### 4A系列 / Series



## 尺寸表 Dimension Sheet

| 型号<br>Model | A   | B    | C  | E   | F    | G    | H | I    | J   | K   | L  |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|------|----|-----|------|------|---|------|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             |     |      |    |     |      |      |   |      |     |     | 1F | 2F | 3F  | 4F  | 5F  | 6F  | 7F  | 8F  | 9F  | 10F | 11F | 12F | 13F | 14F | 15F | 16F |
| 100M-□F     | 58  | 43.2 | 20 | 4.5 | 18.3 | 19   | 5 | 10   | 0.8 | 81  | 38 | 57 | 76  | 95  | 114 | 133 | 152 | 171 | 190 | 209 | 228 | 247 | 266 | 285 | 304 | 323 |
| 200M-□F     | 61  | 50.7 | 21 | 4.5 | 22.4 | 23   | 6 | 12   | 1.2 | 92  | 46 | 69 | 92  | 115 | 138 | 161 | 184 | 207 | 230 | 253 | 276 | 299 | 322 | 345 | 368 | 391 |
| 300M-□F     | 75  | 64.8 | 26 | 4.5 | 27.3 | 27   | 6 | 13.5 | 2.5 | 111 | 54 | 82 | 110 | 138 | 166 | 194 | 222 | 250 | 278 | 306 | 334 | 362 | -   | -   | -   | -   |
| 400M-□F     | 104 | 94.5 | 32 | 5.5 | 34.3 | 31.5 | 7 | 14.5 | 5   | 142 | 71 | 98 | 133 | 168 | 203 | 238 | 273 | -   | -   | -   | -   | -   | -   | -   | -   | -   |

| 型号<br>Model | M   | P  |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Q     | R  | S  | T    | U    | V  | X  | Y  |
|-------------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|----|------|------|----|----|----|
|             |     | 1F | 2F | 3F  | 4F  | 5F  | 6F  | 7F  | 8F  | 9F  | 10F | 11F | 12F | 13F | 14F | 15F | 16F |       |    |    |      |      |    |    |    |
| 100M-□F     | 96  | 28 | 47 | 66  | 85  | 104 | 123 | 142 | 161 | 180 | 199 | 218 | 237 | 256 | 275 | 294 | 313 | PT1/4 | 40 | 30 | 29   | 14   | 9  | 25 | 27 |
| 200M-□F     | 111 | 34 | 57 | 80  | 103 | 126 | 149 | 172 | 195 | 218 | 241 | 264 | 287 | 310 | 333 | 356 | 379 | PT1/4 | 43 | 32 | 30.5 | 14.5 | 9  | 26 | 35 |
| 300M-□F     | 130 | 42 | 70 | 98  | 126 | 154 | 182 | 210 | 238 | 266 | 294 | 322 | 350 | -   | -   | -   | -   | PT3/8 | 53 | 48 | 37.5 | 13.5 | 11 | 30 | 40 |
| 400M-□F     | 163 | 49 | 84 | 119 | 154 | 189 | 224 | 259 | -   | -   | -   | -   | -   | -   | -   | -   | -   | PT1/2 | 68 | 67 | 52   | 18.5 | 18 | 38 | 50 |

VF、VZ系列电磁阀  
VF,VZ Series Solenoid Valve

## 订购码 Ordering Code

VF3

## 系列代码

VF3系列

VF5系列

VZ5系列

## Series Code

VF3 Series

VF5 Series

VZ5 Series

1

## 线圈及位数

1:单头双位置

2:双头双位置

3:双头三位置封闭型

4:双头三位置排气型

5:双头三位置压力型

## Coil and Places

1:Single-head Double-position

2:Double-head Double-position

3C:Double-head Three-position Close Type

4:Double-head Three-position Exhaust Type

5:Double-head Three-position Pressure Type

-

30

## 顺序号

## Order NO.

VF3: 30

VF5: 20

VZ5: 20

AC220V

## 标准电压

## Standard Voltage

DC12V

DC24V

AC24V 50Hz/60Hz

AC110V 50Hz/60Hz

AC220V 50Hz/60Hz

AC380V 50Hz/60Hz

-

W

## 接线形式

空白: 标准端子式

LD:茶色带灯端子式

LD:白色带灯端子式

W:引线式

## Wiring Form

Blank:standard Connector

LD:Brown with Lighting

Connector

LD:White with Lighting

Connector

W: Lead Wire Type

## 规格 Specification

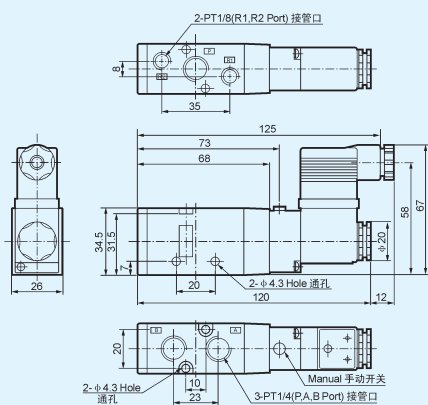
| 型 号 Model                                 | VF3130                                | VF3230                        | VF33(4/5)30                     | VF5120                        | VF5220                        | VF53(4/5)50                     | VZ5120                        | VZ5220                        | VZ53(4/5)50                     |
|---|---------------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|
| 位通数<br>Position and Way No.               | 二位五通<br>Two-position Five-way         | 二位五通<br>Two-position Five-way | 三位五通<br>Three-position Five-way | 二位五通<br>Two-position Five-way | 二位五通<br>Two-position Five-way | 三位五通<br>Three-position Five-way | 二位五通<br>Two-position Five-way | 二位五通<br>Two-position Five-way | 三位五通<br>Three-position Five-way |
| 有效截面积<br>Effective Section Area           | 16mm <sup>2</sup> (CV=0.89)           | 12mm <sup>2</sup> (CV=0.67)   | 12mm <sup>2</sup> (CV=0.67)     | 25mm <sup>2</sup> (CV=1.40)   | 25mm <sup>2</sup> (CV=1.40)   | 18mm <sup>2</sup> (CV=1.00)     | 12mm <sup>2</sup> (CV=0.67)   | 12mm <sup>2</sup> (CV=0.67)   | 9mm <sup>2</sup> (CV=0.50)      |
| 工作介质<br>Working Medium                    | 经40微米过滤的空气 / 40 Micron Filtered Air   |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 动作方式<br>Motion Pattern                    | 内部先导式 / Inner Guide Type              |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 使用压力<br>Working-pressure                  | 0.15~0.8MPa                           |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 最大耐压<br>Max. Pressure Resistance          | 1.2MPa                                |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 工作温度<br>Operating Temperature             | 5~50℃                                 |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 电压范围<br>Voltage Range                     | ±10%                                  |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 耗电量<br>Power Consumption                  | AC: 4.5VA DC: 3W                      |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 绝缘性及防护等级<br>Insulation & Protection Class | F级. IP65 / F Class. IP65              |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 接线形式<br>Wiring Form                       | 出线式或端子式 / Lead Wire or Connector type |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 最高动作频率<br>Highest Action Frequency        | 每秒五次 / 5 Cycle / Sec                  |                               |                                 |                               |                               |                                 |                               |                               |                                 |
| 最短励磁时间<br>Shortest Excitation Time        | 0.05秒 / 0.05 Second                   |                               |                                 |                               |                               |                                 |                               |                               |                                 |

# VF、VZ系列电磁阀

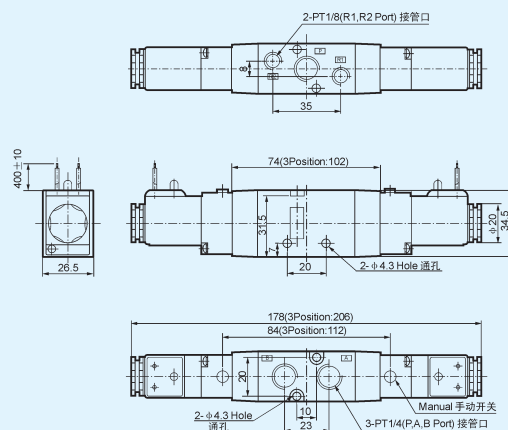
## VF,VZ Series Solenoid Valve

### 外形尺寸 Overall Dimension

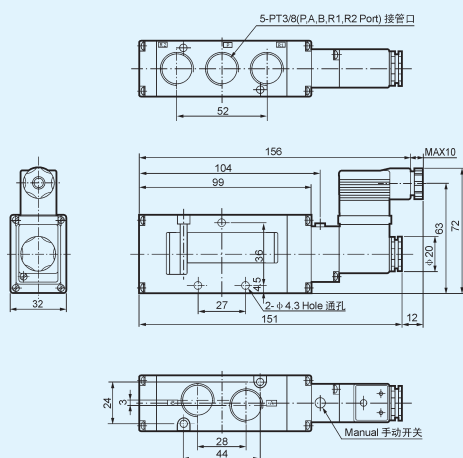
VF3130



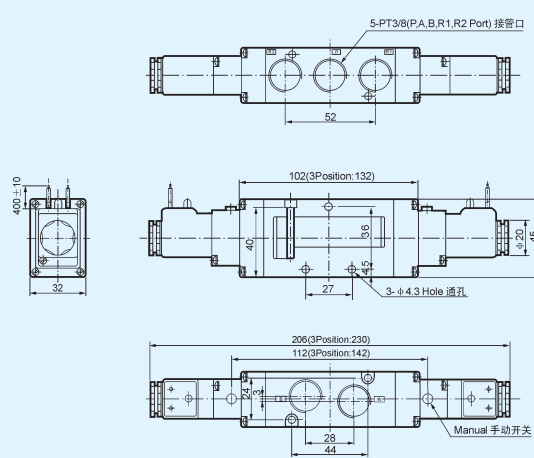
VF3230



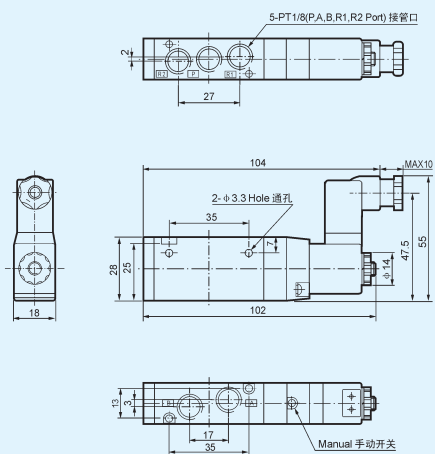
VF5120



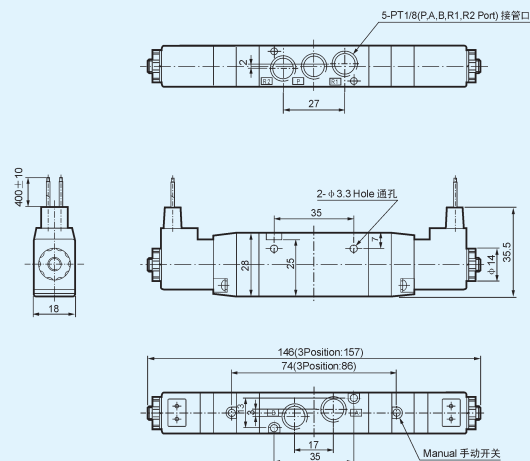
VF5220



VZ5120



VZ5220



# VF、VZ系列汇流板

## VF, VZ Series Conflux Board



### 底座订购码 Base Ordering Code

**VF3000M**

#### 系列代码/Series Code

VF3000M:VF3系列用/For VF3 Series Use

VF5000M:VF5系列用/For VF5 Series Use

VZ5000M:VZ5系列用/For VZ5 Series Use

**□F**

#### 连座数目/Joint Base Number

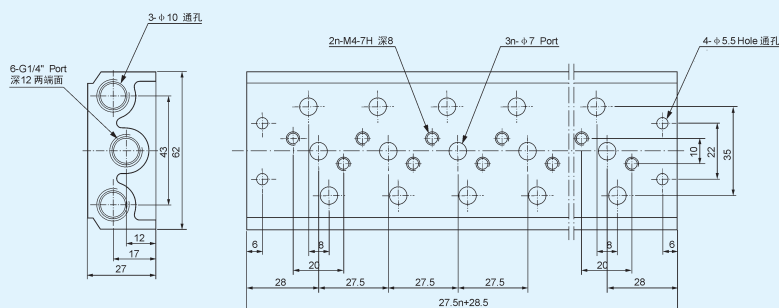
VF3000M:任意连/Wantonly Joint

VF5000M:任意连/Wantonly Joint

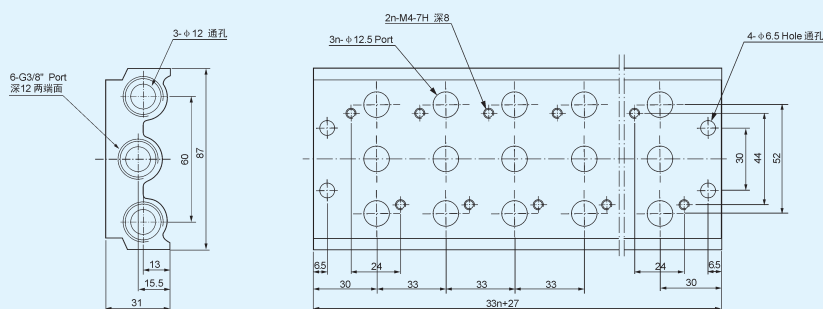
VZ5000M:任意连/Wantonly Joint

### 外形尺寸 Overall Dimension

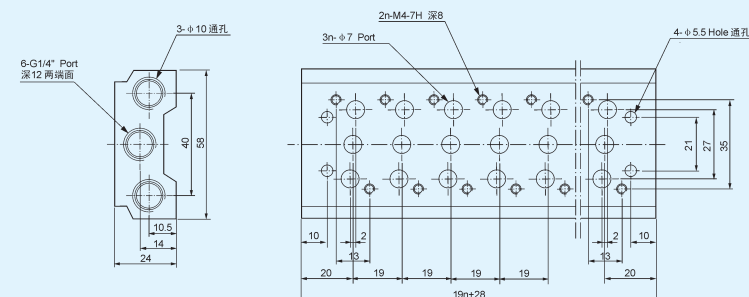
VF3000M



VF5000M



VZ5000M



## 电磁阀附件 Solenoid Valve Accessories

### 线圈 Coil



线圈孔径、高度  
Coil aperture, Height:  
 $\phi 11 \times 35$

适用功率及电压  
Applicable power and Voltage:  
AC 13VA 12V-380V  
DC 8W 6V-220V



线圈孔径  
Coil aperture:  
 $\phi 8$

适用功率及电压  
Applicable power and Voltage:  
AC 8VA 12V-220V  
DC 6W 6V-110V



线圈孔径、高度  
Coil aperture, Height:  
 $\phi 16 \times 37$

适用功率及电压  
Applicable power and Voltage:  
AC 18VA 24V-380V  
DC 16W 12V-380V



线圈孔径  
Coil aperture:  
 $\phi 8$

适用功率及电压  
Applicable power and Voltage:  
AC 8VA 12V-220V  
DC 6W 6V-110V



线圈孔径、高度  
Coil aperture, Height:  
 $\phi 8 \times 31$

适用功率及电压  
Applicable power and Voltage:  
AC 6VA 12V-220V  
DC 3W 6V-110V



线圈孔径、高度  
Coil aperture, Height:  
 $\phi 9 \times 29.5$

适用功率及电压  
Applicable power and Voltage:  
AC 6VA 12V-220V  
DC 3W 6V-110V

### 先导头 Guide Head



适用阀体  
Applicable Valve  
XG4101-08  
XG5101-10  
XG6101-15



适用阀体  
Applicable Valve  
A240-08



适用阀体  
Applicable Valve  
XG1120-06  
XG1120-06H



适用阀体  
Applicable Valve  
XG2130-08 XG2130-08H  
XG3130-08H XG5120-10  
XG5120H XG6120-15  
XG6120-15H



## 2V系列二位二通电磁阀

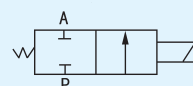
### 2V Series Two-position Two-way Solenoid Valve



#### 订购码 Ordering Code

| 2V  | 025   | 06   | - AC110V  | - V  |
|---|---|--|---|--|
| <b>规格代码</b><br><b>Specification Code</b><br>2V:二位二通电磁阀<br>2V:Two-position<br>Two-way Solenoid Valve | <b>流量孔径</b><br><b>Aperture of Flow Rate</b><br>010: 1.0mm<br>025: 2.5mm<br>130: 13mm<br>250: 25mm | <b>接管口径</b><br><b>Joint Pipe Bore</b><br>M4:M4×0.7<br>06: 1/8"<br>08: 1/4"<br>10: 3/8"<br>15: 1/2"<br>20: 3/4"<br>25: 1" | <b>标准电压</b><br><b>Standard Voltage</b><br>DC12V<br>DC24V<br>AC24V 50Hz/60Hz<br>AC110V 50Hz/60Hz<br>AC220V 50Hz/60Hz<br>AC380V 50Hz/60Hz | <b>油封代号</b><br>空白: NBR<br>V: VITON (高温用)<br><b>Oil Seal Code</b><br>Blank: NBR<br>V: VITON<br>(For High-temperature) |

#### 图形符号 Graphic Symbol



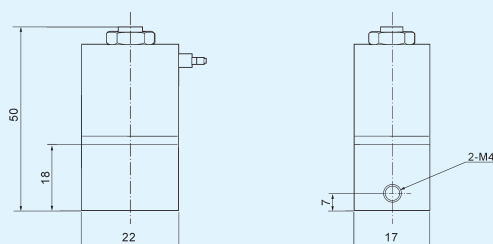
#### 规格 Specification

| 型 号       | Model                     | 2V010-M4                                    | 2V025-06 | 2V025-08 | 2V130-10                 | 2V130-15 | 2V250-20 | 2V250-25 |
|-----------|---------------------------|---|----------|----------|--------------------------|----------|----------|----------|
| 工作介质      | Working Medium            | 空气、水、油 / Air,Water,Oil                      |          |          |                          |          |          |          |
| 动作方式      | Motion Pattern            | 直动式 / Direct Drive Type                     |          |          | 先导式 / Guide Type         |          |          |          |
| 型式        | Type                      | 常闭型 / Normal Close Type                     |          |          |                          |          |          |          |
| 流量孔径 mm   | Aperture of Flow Rate     | 1.0   | 2.5      |          | 13                       |          | 25       |          |
| CV值       | CV Value                  | 0.10  | 0.23     |          | 6.2                      |          | 23       |          |
| 接管口径      | Joint Pipe Bore           | M4×0.7                                      | 1/8"     | 1/4"     | 3/8"                     | 1/4"     | 3/4"     | 1"       |
| 使用流体粘滞度   | Operation Fluid Viscosity | 20 CST以下(Below)                             |          |          |                          |          |          |          |
| 使用压力 MPa  | Working-pressure          | 空气、水、油 / Air,Water,Oil: 0.05 ~ 0.7          |          |          |                          |          |          |          |
| 最大耐压力 MPa | Max. Pressure Resistance  | 1.2   | 1.6      |          | 1.0                      |          |          |          |
| 工作温度 ℃    | Operating Temperature     | -10 ~ 80℃                                   |          |          |                          |          |          |          |
| 使用电压范围    | Voltage Range             | ±10%  |          |          |                          |          |          |          |
| 保护等级      | Protect Class             | IP65  |          |          |                          |          |          |          |
| 耗电量       | Power Consumption         | AC:4.5VA DC:3W                              |          |          |                          |          |          |          |
| 绝缘性       | Insulation                | F级 / F Class                                |          |          |                          |          |          |          |
| 本体材质      | Material of Body          | 铝或铜(镀镍处理)/Aluminum or Brass (Nickel Coated) |          |          | 黄 铜 Brass                |          |          |          |
| 油封材质      | Material of Oil Seal      | NBR或VITON / NBR or VITON                    |          |          | NBR或VITON / NBR or VITON |          |          |          |
| 最短励磁时间    | Shortest Excitation Time  | 0.05 秒 / 0.05 Second                        |          |          |                          |          |          |          |

## 2V系列二位二通电磁阀 2V Series Two-position Two-way Solenoid Valve

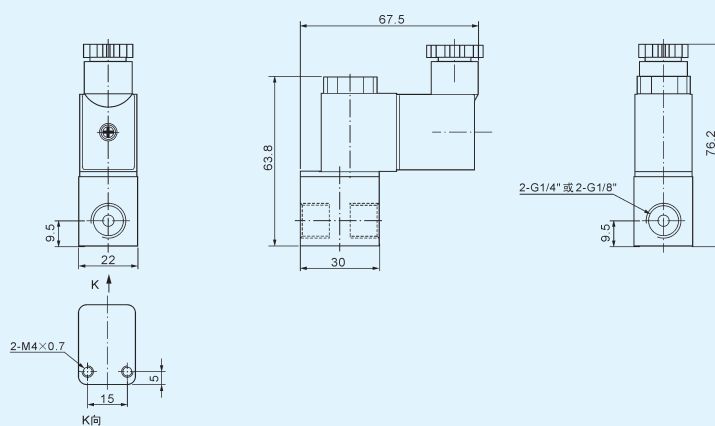
### 外形尺寸 Overall Dimension

2V010-M4



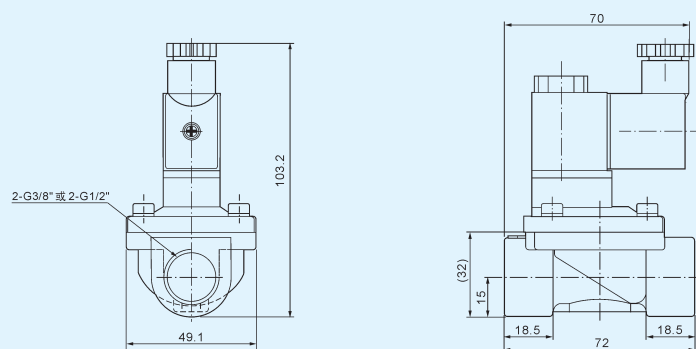
2V025-06

2V025-08



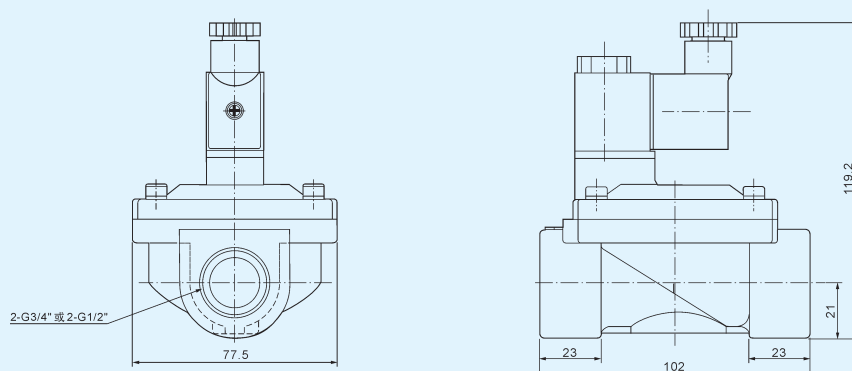
2V130-10

2V130-15



2V250-20

2V250-25



## 2P系列二位二通电磁阀

### 2P Series Two-position Two-way Solenoid Valve



#### 订购码 Ordering Code

2P

规格代码

2P: 二位二通电磁阀 (塑钢型)

Specification Code

2P: Two-position Two-way Solenoid Valve (Reinforced Plastic Steel Type)

025

流量孔径

Aperture of Flow

Rate

025: 2.5mm

06

接管口径

Joint Pipe Bore

06: 1/8"

08: 1/4"

AC110V

标准电压

Standard Voltage

DC12V

DC24V

AC24V 50Hz/60Hz

AC110V 50Hz/60Hz

AC220V 50Hz/60Hz

AC380V 50Hz/60Hz

W

接线形式

空白: 标准端子式

LD: 茶色带灯端子式

LD1: 白色带灯端子式

W: 引线式

Wiring Form

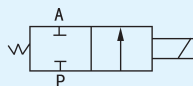
Blank: standard Connector

LD: Brown with Lighting Connector

LD1: White with Lighting Connector

W: Lead Wire Type

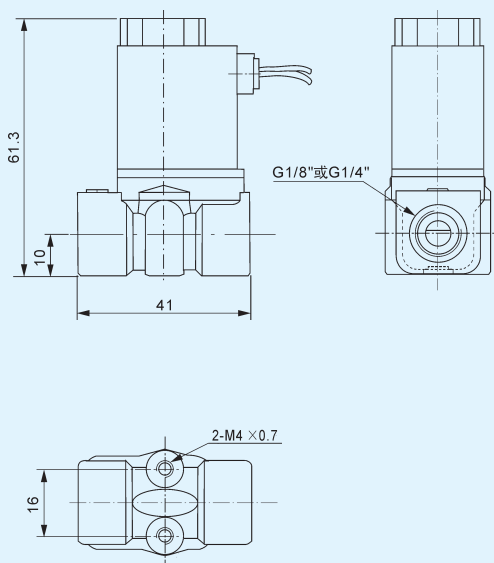
#### 图形符号 Graphics Symbol



#### 规格 Specification

| 型 号     | Model                     | 2P025-06                       | 2P025-08 |
|---------|---------------------------|--------------------------------|----------|
| 工作介质    | Working Medium            | 空气、水、油、瓦斯/Air, Water, Oil, gas |          |
| 动作方式    | Motion Pattern            | 直动式 / Direct Drive Type        |          |
| 型式      | Type                      | 常闭型 / Normal Close Type        |          |
| 流量孔径 mm | Aperture of Flow Rate     | 2.5                            |          |
| CV值     | CV Value                  | 0.23                           |          |
| 接管口径    | Joint Pipe Bore           | 1/8"                           | 1/4"     |
| 使用流体粘滞度 | Operation Fluid Viscosity | 20 CST以下 (Below)               |          |
| 使用压力    | Working-pressure          | 0~0.7 MPa                      |          |
| 最大耐压力   | Max. Pressure Resistance  | 1.0 MPa                        |          |
| 工作温度    | Operating Temperature     | -5~80℃                         |          |
| 使用电压范围  | Voltage Range             | ±10%                           |          |
| 本体材质    | Material of Body          | 工程塑料/Engineering Plastic       |          |
| 油封材质    | Material of Oil Seal      | NBR 或 VITON / NBR or VITON     |          |

#### 尺寸表 Dimension Sheet



## 2W系列二位二通直动式电磁阀

### 2W Series Two-position Two-way Direct Drive Type Solenoid Valve



#### 订购码 Ordering Code

**2W**

##### 规格代码

2W: 二位二通电磁阀—直动式

2WH: 二位二通电磁阀—直动式(高压型)

##### Specification Code

2W: Two-position Two-way Solenoid

Valve-Direct Drive Type

2WH: Two-position Two-way Solenoid

Valve-Direct Drive Type (High- pressure Type)

**025**

##### 流量孔径

Aperture of Flow Rate

012: 1.2mm

020: 2mm

025: 2.5mm

040: 4mm

**08**

##### 接管口径

Joint Pipe Bore

06: 1/8"

08: 1/4"

10: 3/8"

**AC110V**

##### 标准电压

Standard Voltage

DC12V

DC24V

AC24V 50Hz/60Hz

AC110V 50Hz/60Hz

AC220V 50Hz/60Hz

AC380V 50Hz/60Hz

**E**

##### 油封代号

空白: NBR

E: EPDM (蒸汽用)

V: VITON

(高温、瓦斯及真空用)

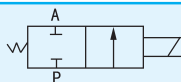
##### Oil Seal Code

Blank: NBR

E: EPDM (For Steam)

V: VITON (For high temperature, gas and vacuum)

#### 图形符号 Graphics Symbol



#### 规格 Specification

| 型 号       | Model                     | 2W025-06                           | 2W025-08 | 2W040-10 | 2WH012-06                   | 2WH012-08 | 2WH020-10 |
|-----------|---------------------------|------------------------------------|----------|----------|-----------------------------|-----------|-----------|
| 工作介质      | Working Medium            | 空气、水、油、瓦斯 / Air,Water,Oil,Gas      |          |          |                             |           |           |
| 动作方式      | Motion Pattern            | 直动式 / Direct Drive Type            |          |          |                             |           |           |
| 型式        | Type                      | 常闭型 / Normal Close Type            |          |          |                             |           |           |
| 流量孔径 mm   | Aperture of Flow Rate     | 2.5                                |          | 4        | 1.2                         |           | 2         |
| CV值       | CV Value                  | 0.23                               |          | 0.60     | 0.05                        |           | 0.15      |
| 接管口径      | Joint Pipe Bore           | 1/8"                               | 1/4"     | 3/8"     | 1/8"                        | 1/4"      | 3/8"      |
| 使用流体粘滞度   | Operation Fluid Viscosity | 20 CST以下(Below)                    |          |          |                             |           |           |
| 使用压力 MPa  | Working-pressure          | 空气、水、油、瓦斯/Air,Water,Oil,gas: 0~0.7 |          |          | 空气、水、油/Air,Water,Oil: 0~2.0 |           |           |
| 最大耐压力 MPa | Max. Pressure Resistance  | 1.0                                |          |          | 3.5                         |           |           |
| 工作温度 ℃    | Operating Temperature     | -5 ~ 80℃                           |          |          |                             |           |           |
| 使用电压范围    | Voltage Range             | ±10%                               |          |          |                             |           |           |
| 本体材质      | Material of Body          | 黄 铜 Brass                          |          |          |                             |           |           |
| 油封材质      | Material of Oil Seal      | NBR,EPDM或VITON / NBR,EPDM or VITON |          |          |                             |           |           |

## 2W (大口径) 系列二位二通直动式电磁阀

### 2W (Large Aperture) Series Two-position Two-way Direct Drive Type Solenoid Valve



#### 订购码 Ordering Code

2W

## 规格代码

2W: 二位二通电磁阀一直动式

## Specification Code

2W: Two-position Two-way Solenoid Valve-Direct Drive Type

160

## 流量孔径

Aperture of Flow Rate

160: 16mm  
200: 20mm  
250: 25mm  
350: 35mm  
400: 40mm  
500: 50mm

15

## 接管口径

Joint Pipe Bore

10: 3/8"  
15: 1/2"  
20: 3/4"  
25: 1"  
35: 1 1/4"  
40: 1 1/2"  
50: 2"

AC110V

## 标准电压

Standard Voltage

DC12V  
DC24V  
AC24V 50Hz/60Hz  
AC110V 50Hz/60Hz  
AC220V 50Hz/60Hz  
AC380V 50Hz/60Hz

V

## 油封代号

空白: NBR

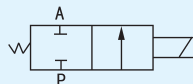
V: VITON (高温用)

## Oil Seal Code

Blank: NBR

V: VITON (For High-temperature)

#### 图形符号 Graphics Symbol



#### 规格 Specification

| 型 号     | Model                     | 2W160-10  | 2W160-15 | 2W200-20 | 2W250-25 | 2W350-35 | 2W400-40 | 2W500-50 |
|---------|---------------------------|---|----------|----------|----------|----------|----------|----------|
| 工作介质    | Working Medium            | 空气、水、油 / Air, Water, Oil  |          |          |          |          |          |          |
| 动作方式    | Motion Pattern            | 直动式 / Direct Drive Type   |          |          |          |          |          |          |
| 型式      | Type                      | 常闭型 / Normal Close Type   |          |          |          |          |          |          |
| 流量孔径 mm | Aperture of Flow Rate     | 16  | 20       | 25       | 35       | 40       | 50       |          |
| CV值     | CV Value                  | 4.8   | 7.6      | 12       | 24       | 29       | 48       |          |
| 接管口径    | Joint Pipe Bore           | 3/8"  | 1/2"     | 3/4"     | 1"       | 1 1/4"   | 1 1/2"   | 2"       |
| 使用流体粘滞度 | Operation Fluid Viscosity | 20 CST以下(Below)   |          |          |          |          |          |          |
| 使用压力    | Working-pressure          | 空气Air: 0~0.7MPa; 水Water: 0~0.5MPa; 油Oil: 0~0.5MPa                           |          |          |          |          |          |          |
| 最大耐压力   | Max. Pressure Resistance  | 1.0 MPa   |          |          |          |          |          |          |
| 工作温度    | Operating Temperature     | -5~80℃  |          |          |          |          |          |          |
| 使用电压范围  | Voltage Range             | ±10%  |          |          |          |          |          |          |
| 本体材质    | Material of Body          | 黄 铜 (不锈钢材质需特殊说明) / Brass (Material of stainless steel need special explain) |          |          |          |          |          |          |
| 油封材质    | Material of Oil Seal      | NBR 或 VITON / NBR or VITON  |          |          |          |          |          |          |



## 2W (大口径) 系列二位二通直动式电磁阀

### 2W (Large Aperture) Series Two-position Two-way Direct Drive Type Solenoid Valve

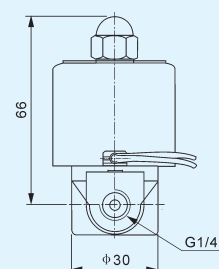
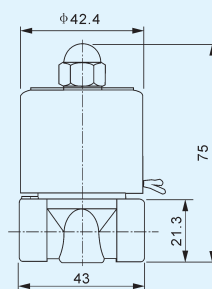
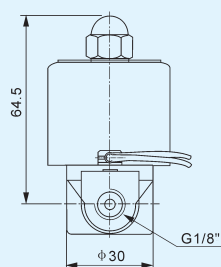
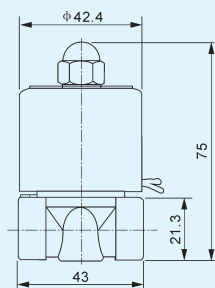
#### 外形尺寸 Overall Dimension

2W025-06

2WH012-06

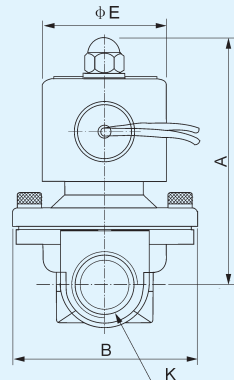
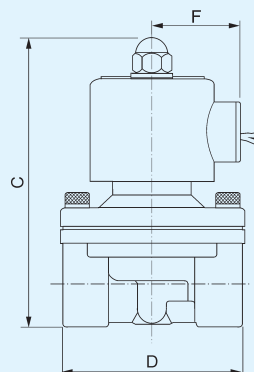
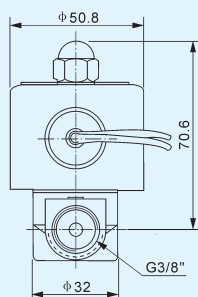
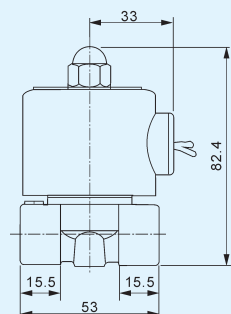
2W025-08

2WH012-08



2W040-10 2WH020-10

2W大口径 (Large Aperture)



#### 尺寸表 Dimension Sheet

| 型号 Model | A     | B    | C     | D   | E    | F  | K       |
|----------|-------|------|-------|-----|------|----|---------|
| 2W160-10 | 101.5 | 57   | 117   | 69  | 50   | 36 | G3/8"   |
| 2W160-15 | 101.5 | 57   | 117   | 69  | 50   | 36 | G1/2"   |
| 2W200-20 | 107   | 57   | 123.5 | 73  | 50   | 36 | G3/4"   |
| 2W250-25 | 111.5 | 73.5 | 134.5 | 99  | 50   | 36 | G1"     |
| 2W350-35 | 142   | 95   | 172   | 123 | 70.5 | 56 | G1 1/4" |
| 2W400-40 | 142   | 95   | 172   | 123 | 70.5 | 56 | G1 1/2" |
| 2W500-50 | 172   | 123  | 209   | 168 | 70.5 | 56 | G2"     |

## 2L系列二位二通电磁阀

### 2L Series Two-position Two-way Solenoid Valve



#### 订购码 Ordering Code

**2L****规格代码**

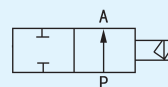
2L: 二位二通电磁阀 (蒸汽型)

**Specification Code**

2L: Two-position Two-way Solenoid Valve (Steam Type)

**170****流量孔径****Aperture of Flow Rate**170: 17mm  
200: 22mm  
300: 30mm  
500: 50mm**15****接管口径****Joint Pipe Bore**10: 3/8"  
15: 1/2"  
20: 3/4"  
25: 1"  
35: 1 1/4"  
40: 1 1/2"  
50: 2"**AC110V****标准电压****Standard Voltage**DC12V  
DC24V  
AC24V 50Hz/60Hz  
AC110V 50Hz/60Hz  
AC220V 50Hz/60Hz  
AC380V 50Hz/60Hz

#### 图形符号 Graphics Symbol



#### 规格 Specification

| 型 号     | Model                     | 2L170-10                                | 2L170-15 | 2L170-20 | 2L200-25 | 2L300-35 | 2L300-40 | 2L500-50 |
|---------|---------------------------|---|----------|----------|----------|----------|----------|----------|
| 工作介质    | Working Medium            | 空气、水、蒸汽 / Air, Water, Steam             |          |          |          |          |          |          |
| 动作方式    | Motion Pattern            | 先导式 / Guide Type                        |          |          |          |          |          |          |
| 型式      | Type                      | 常闭型 / Normal Close Type                 |          |          |          |          |          |          |
| 流量孔径 mm | Aperture of Flow Rate     | 17                                      |          |          | 22       | 30       |          | 50       |
| CV值     | CV Value                  | 4.8                                     |          |          | 12       | 20       |          | 48       |
| 接管口径    | Joint Pipe Bore           | 3/8"                                    | 1/2"     | 3/4"     | 1"       | 1 1/4"   | 1 1/2"   | 2"       |
| 使用流体粘滞度 | Operation Fluid Viscosity | 20 CST以下(Below)                         |          |          |          |          |          |          |
| 使用压力    | Working-pressure          | 空气、水、蒸汽 / Air, Water, Steam: 0.1~1.5MPa |          |          |          |          |          |          |
| 最大耐压力   | Max. Pressure Resistance  | 1.5MPa                                  |          |          |          |          |          |          |
| 工作温度    | Operating Temperature     | -5~80℃                                  |          |          |          |          |          |          |
| 使用电压范围  | Voltage Range             | ±10%                                    |          |          |          |          |          |          |
| 本体材质    | Material of Body          | 黄 铜 Brass                               |          |          |          |          |          |          |
| 油封材质    | Material of Oil Seal      | PTFE                                    |          |          |          |          |          |          |

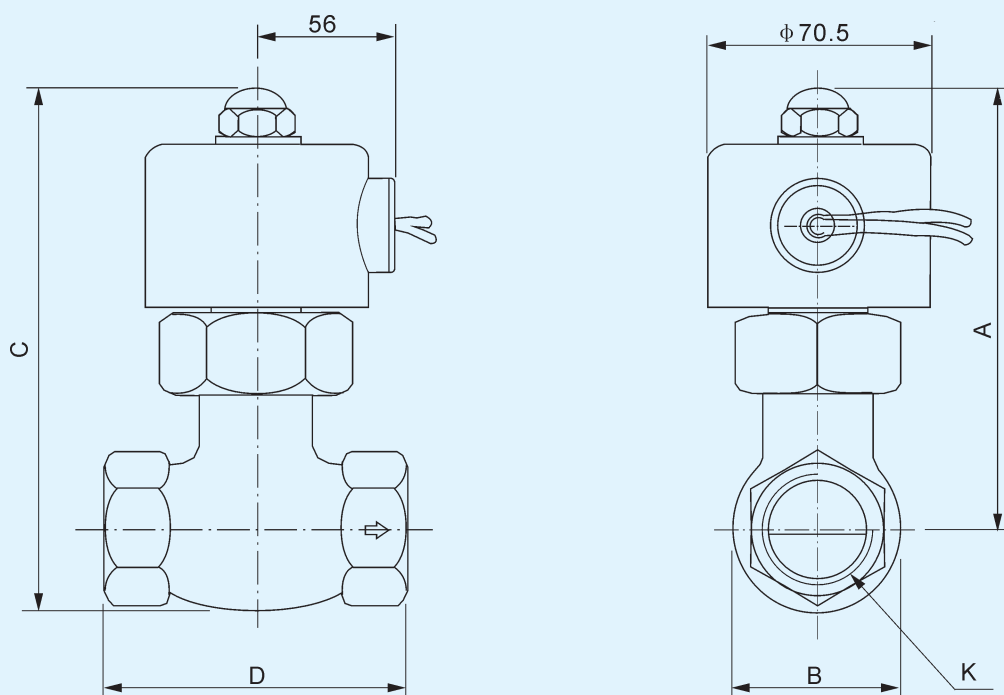


## 2L系列二位二通电磁阀

### 2L Series Two-position Two-way Solenoid Valve

#### 外形尺寸 Overall Dimension

2L系列 / 2L Series



#### 尺寸表 Dimension Sheet

| 型 号 Model | A   | B  | C   | D    | K       |
|-----------|-----|----|-----|------|---------|
| 2L170-10  | 125 | 42 | 146 | 82   | G3/8"   |
| 2L170-15  | 125 | 42 | 146 | 82   | G1/2"   |
| 2L170-20  | 125 | 42 | 146 | 82   | G3/4"   |
| 2L200-25  | 136 | 52 | 162 | 90.5 | G1"     |
| 2L300-35  | 148 | 74 | 185 | 111  | G1 1/4" |
| 2L300-40  | 148 | 74 | 185 | 111  | G1 1/2" |
| 2L500-50  | 176 | 86 | 223 | 163  | G2"     |

## VX系列二位二通电磁阀 VX Series Two-position Two-way Solenoid Valve



### 订购码 Ordering Code

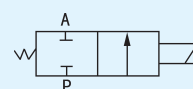
VX2120 - 08 - AC220V

规格代码  
Specification  
Code

接管口径  
Joint Pipe Bore  
06: 1/8"  
08: 1/4"  
10: 3/8"  
15: 1/2"

标准电压  
Standard Voltage  
DC12V  
DC24V  
AC24V 50Hz/60Hz  
AC110V 50Hz/60Hz  
AC220V 50Hz/60Hz  
AC380V 50Hz/60Hz

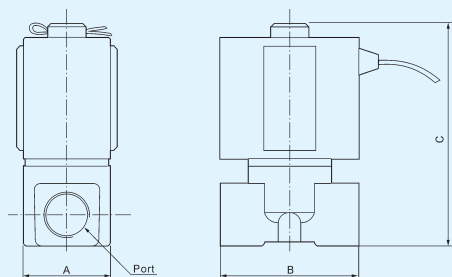
### 图形符号 Graphics Symbol



### 规格 Specification

| 型 号    | Model                       | VX2120-06                   | VX2120-08 | VX2120-10 | VX2120-15 |
|--------|-----------------------------|-----------------------------|-----------|-----------|-----------|
| 工作介质   | Working Medium              | 空气、水、蒸汽 / Air, Water, Steam |           |           |           |
| 动作方式   | Motion Pattern              | 直动式 / Direct Drive Type     |           |           |           |
| 型式     | Type                        | 常闭型 / Normal Close Type     |           |           |           |
| 使用压力   | Working-pressure            | 0~1.0MPa                    |           |           |           |
| 流量孔径   | Aperture of Flow Rate (mm)  | 3                           |           | 13        |           |
| 接管口径   | Joint Pipe Bore             | 1/8"                        | 1/4"      | 3/8"      | 1/2"      |
| 使用温度范围 | Operating Temperature Range | -5~150℃                     |           | -5~80℃    |           |
| 油封材质   | Material of Oil Seal        | VITON                       |           | NBR       |           |

### 外形尺寸 Overall Dimension



### 尺寸表 Dimension Sheet

| 型 号       | Model | 口径 Bore | A  | B  | C   |
|-----------|-------|---------|----|----|-----|
| VX2120-06 |       | G1/8"   | 25 | 40 | 64  |
| VX2120-08 |       | G1/4"   | 25 | 40 | 64  |
| VX2120-10 |       | G3/8"   | 48 | 68 | 110 |
| VX2120-15 |       | G1/2"   | 48 | 68 | 110 |

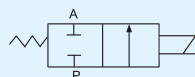
# PU系列二位二通电磁阀 PU Series Two-position Two-way Solenoid Valve



## 底座订购码 Base Ordering Code

| PU   | 220  | 01  | AC110V   | E  |
|--|--|---|--|--|
| 规格代码<br>PU: 二位二通电磁阀<br>Specification Code<br>PU: Two-position Two-way Solenoid Valve | 动作方式<br>220: 直动式<br>225: 先导式<br>Motion Pattern<br>200: Direct drive type<br>225: Guid Type | 接管口径<br>Joint Pipe Bore<br>01: 1/8" 08: 1"<br>02: 1/4" 12: 1 1/4"<br>03: 3/8" 14: 1 1/2"<br>04: 1/2" 20: 2"<br>06: 3/4" | 标准电压<br>Standard Voltage<br>DC12V<br>DC24V<br>AC110V 50/60Hz<br>AC220V 50/60Hz<br>AC380V 50/60Hz | 油封代号<br>空白: NBR<br>E: EPDM<br>V: VITON<br>Oil Seal Code<br>Blank: NBR<br>E: EPDM<br>V: VITON |

## 图形符号 Graphics Symbol

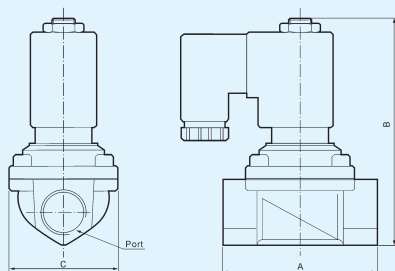


## 规格 Specification

| 型 号 Model                           | PU220-01  | PU220-02 | PU220-03 | PU220-04 | PU220-06 | PU220-08 |
|-------------------------------------|---|----------|----------|----------|----------|----------|
| 工作介质<br>Working Medium              | 空气、水、油 / Air, Water, Oil                        |          |          |          |          |          |
| 动作方式<br>Motion Pattern              | 220: 直动式 Direct Drive Type / 225: 先导式 Guid Type |          |          |          |          |          |
| 型式<br>Type                          | 常闭型 / Normal Close Type                         |          |          |          |          |          |
| 流量孔径 mm<br>Aperture of Flow Rate    | 1.5   | 2.3      | 8        | 13       | 20       | 25       |
| CV值<br>CV Value                     | 0.10  | 0.18     | 1.00     | 4.00     | 8.60     | 11.00    |
| 接管口径<br>Joint Pipe Bore             | G1/8"   | G1/4"    | G3/8"    | G1/2"    | G3/4"    | G1"      |
| 使用流体粘度<br>Operation Fluid Viscosity | 50 CST  |          |          |          |          |          |
| 使用压力<br>Working-pressure            | 0~0.7MPa  |          |          |          |          |          |
| 最大耐压力<br>Max. Pressure Resistance   | 1.05MPa   |          |          |          |          |          |
| 工作温度<br>Operating Temperature       | -5~+80℃   |          |          |          |          |          |

## 外形尺寸 Overall Dimension

PU Series



## 尺寸表 Dimension Sheet

| 型号 Model | 口径 Bore | A    | B    | C    |
|----------|---------|------|------|------|
| PU220-01 | G1/8 "  | 22   | 72   | 22   |
| PU220-02 | G1/4 "  | 35   | 75.5 | 25.4 |
| PU220-03 | G3/8 "  | 55   | 79.5 | 30   |
| PU220-04 | G1/2 "  | 66.5 | 101  | 48   |
| PU220-06 | G3/4 "  | 71   | 107  | 48   |
| PU220-08 | G1 "    | 96   | 120  | 70   |



## 2Q系列气控二通阀

### 2Q Series Air Control Two-Way Valve



#### 底座订购码 Base Ordering Code

**2Q**

-

**200**

-

**25**

规格代码

2Q: 二位二通气控阀

Specification Code

2Q: two position two way Air

Control valve

流量孔径

Aperture of

Flow Rate

200:22mm

350:35mm

500:50mm

接管口径

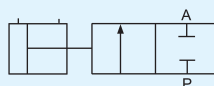
Joint Pipe Bore

25: 1"

40: 1 1/2"

50: 2"

#### 图形符号 Graphics Symbol

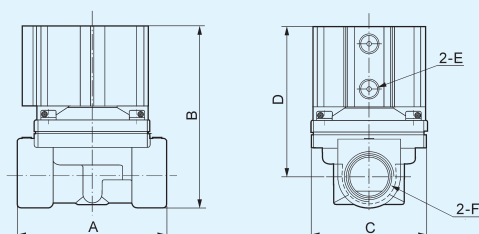


#### 规格 Specification

| 型号 Model                             | 2Q200-25                         | 2Q350-40 | 2Q500-50 |
|--------------------------------------|----------------------------------|----------|----------|
| 工作介质<br>Working Medium               | 空气、水、油、瓦斯 / Air, Water, Oil, Gas |          |          |
| 动作方式<br>Motion Pattern               | 直动式 / Direct Drive Type          |          |          |
| 流量孔径 mm<br>Aperture of Flow Rate     | 22                               | 35       | 50       |
| CV值<br>CV Value                      | 12                               | 24       | 48       |
| 接管口径<br>Joint Pipe Bore              | G1"                              | G1 1/2"  | G2"      |
| 使用介质粘滞度<br>Operation Fluid Viscosity | 50 CST以下 (Below)                 |          |          |
| 使用压力范围<br>Working Pressure Rang      | 0~0.7MPa                         |          |          |
| 最大耐压力<br>Max. Pressure Resistance    | 1.05MPa                          |          |          |
| 控制压力范围<br>Control Pressure Rang      | 0.3~0.6MPa                       |          |          |
| 工作温度范围<br>Operating Temperature Rang | -5~+100℃                         |          |          |
| 本体材质<br>Material of Body             | 黄铜 Brass                         |          |          |
| 密封材质<br>Material of Oil Seal         | 聚四氟乙烯 PTFE                       |          |          |
| 控制接管口径<br>Control Joint Pipe Bore    | 2-G1/8"                          | 2-G1/4"  | 2-G1/4"  |

#### 外形尺寸 Overall Dimension

2Q Series



#### 尺寸表 Dimension Sheet

| 型号 Model | A   | B   | C   | D   | E     | F       |
|----------|-----|-----|-----|-----|-------|---------|
| 2Q200-25 | 99  | 116 | 57  | 95  | G1/8" | G1"     |
| 2Q350-40 | 123 | 146 | 95  | 116 | G1/4" | G1 1/2" |
| 2Q500-50 | 170 | 155 | 118 | 114 | G1/4" | G2"     |

# 手滑阀

## Hand Sliding Valve



### 产品说明 Product Explain

该阀是一种二位三通手动滑阀，常接在管道中用作气源开关，当气源关闭的同时，气动系统中的气压亦即排空。

This valve is a two-position three-way hand sliding valve, which is usually installed in the piping to turn on/off airs. When it is turned off, the air pressure in the pneumatic system is exhausted simultaneously.

### 订购码 Ordering Code

**HSV**

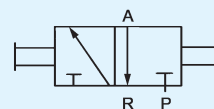
规格代码  
Specification Code

**03**

接口代码  
Joint Code

01: G1/8  
02: G1/4  
03: G3/8  
04: G1/2  
06: G3/4

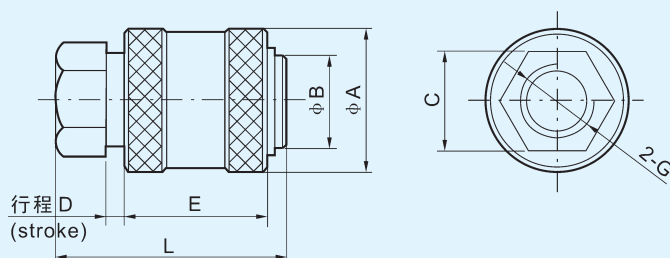
### 图形符号 Graphics Symbol



### 规格 Specification

| 型 号  | Model               | HSV-01                  | HSV-02 | HSV-03 | HSV-04 | HSV-06 |
|------|---------------------|-------------------------|--------|--------|--------|--------|
| 接管口径 | Joint Pipe Bore     | G1/8"                   | G1/4"  | G3/8"  | G1/2"  | G3/4"  |
| 流量通径 | Flow Bore           | 4 mm                    | 7 mm   | 10 mm  | 12 mm  | 18 mm  |
| 工作介质 | Working Medium      | 经过滤的压缩空气 / Filtered Air |        |        |        |        |
| 工作压力 | Working-pressure    | 0 ~ 1.0MPa              |        |        |        |        |
| 环境温度 | Ambient Temperature | 5 ~ 60℃                 |        |        |        |        |
| 操作力  | Working Force       | 20N                     |        |        |        | 30N    |

### 外形尺寸 Overall Dimension



### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | A  | B  | C  | D  | E  | L  | G    |
|---------------------------|----|----|----|----|----|----|------|
| HSV-01                    | 20 | 13 | 14 | 3  | 20 | 32 | G1/8 |
| HSV-02                    | 27 | 18 | 19 | 5  | 32 | 48 | G1/4 |
| HSV-03                    | 30 | 21 | 22 | 5  | 32 | 48 | G3/8 |
| HSV-04                    | 38 | 24 | 27 | 10 | 40 | 70 | G1/2 |
| HSV-06                    | 45 | 32 | 34 | 10 | 45 | 75 | G3/4 |

## 机械阀 Mechanical Valve



### 订购码 Ordering Code

**MSV**

规格代码  
机械阀

Specification Code  
Mechanical Valve

**86**

系列代号

86系列  
98系列

Series Code

86 Series  
98 Series

**32**

位通数

32: 二位三通  
52: 二位五通

Position and Way NO.

32: Two-position Three-way  
52: Two-position Five-way

**1**

接口口径

Joint Pipe Bore

1: G1/8"  
2: G1/4"

**R**

按钮形式 / Button Type

空白: 基本型 / Blank: Basic Type

R: 滚轮型 / Roller Type

TB: 选择型旋钮 / Selective Knob

LB: 加长型旋钮 / Strengthened Knob

PB: 大圆型按钮 / Large Round Button

PP: 平圆型按钮 / Flat Round Button

PPL: 凸圆型按钮 / Convex Round Button

EB: 带锁型按钮 / With Lock Button

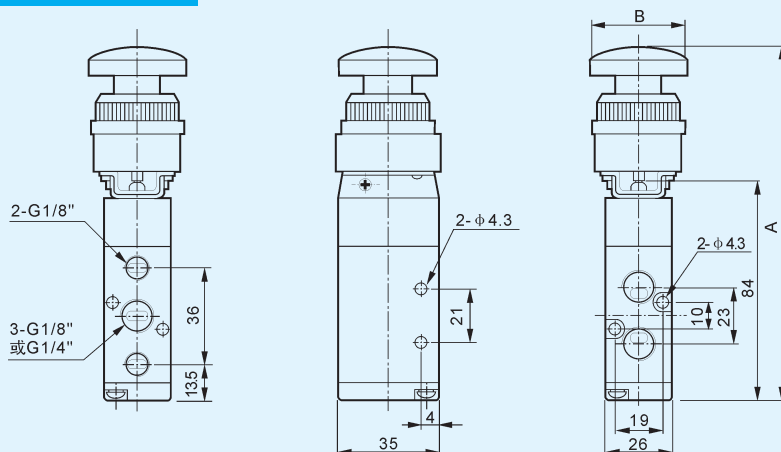
### 规格 Specification

| 型 号 Model                         | MSV86321                            | MSV86522                    | MSV98322                    |
|-----------------------------------|-------------------------------------|-----------------------------|-----------------------------|
| 工作介质<br>Working Medium            | 经40微米过滤的空气 / 40 Micron Filtered Air |                             |                             |
| 位通数<br>Position and Way NO.       | 二位三通 Two-position Three-way         | 二位五通 Two-position Five-way  | 二位三通 Two-position Three-way |
| 有效截面积<br>Effective Sectional Area | 12mm <sup>2</sup> (CV=0.67)         | 16mm <sup>2</sup> (CV=0.89) | 16mm <sup>2</sup> (CV=0.89) |
| 接口口径<br>Joint Pipe Bore           | G1/8"                               | G1/4"                       | G1/4"                       |
| 使用压力范围<br>Working-pressure Range  | 0~0.8MPa                            |                             |                             |
| 使用温度范围<br>Operating Temperature   | 0~60℃                               |                             |                             |

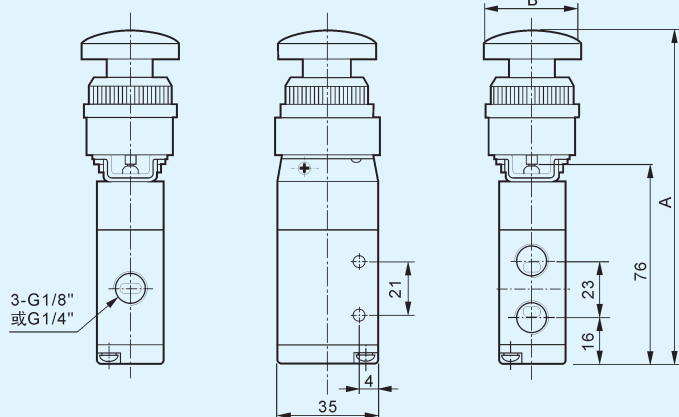
# 机械阀 Mechanical Valve

## 外形尺寸 Overall Dimension

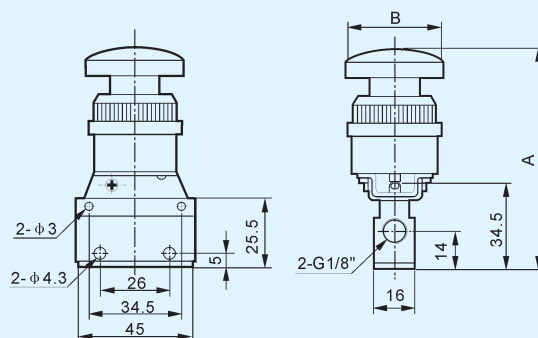
MSV86522



MSV98322



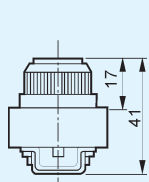
MSV86321



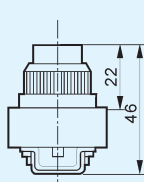
## 尺寸表 Dimension Sheet

| 系列 / Series | 符号 / 型号<br>Symbol / Model | PP   | PPL  | LB   | TB    | EB   | PB   | R     |
|-------------|---------------------------|------|------|------|-------|------|------|-------|
| MSV86522    | A                         | 114  | 119  | 133  | 136.5 | 134  | 131  | 107.5 |
|             | B                         | 39.5 | 24.5 | 26.5 | 36.5  | 39.5 | 37.5 | 42.5  |
| MSV98322    | A                         | 106  | 111  | 125  | 129.5 | 126  | 123  | 99.5  |
|             | B                         | 39.5 | 24.5 | 26.5 | 36.5  | 39.5 | 37.5 | 42.5  |
| MSV86321    | A                         | 66   | 71   | 85   | 88.5  | 86   | 83   | 59.5  |
|             | B                         | 39.5 | 24.5 | 26.5 | 36.5  | 39.5 | 37.5 | 42.5  |

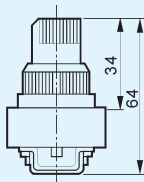
PP



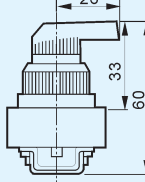
PPL



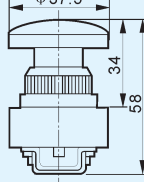
TB



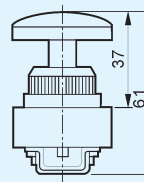
LB



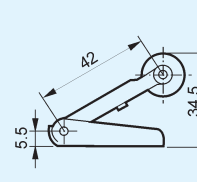
PB



EB



R



## 机械阀 Mechanical Valve



### 订购码 Ordering Code

**JMJ**

-

**01**

#### 规格代码

接管口径G1/4"

二位三通机械阀

#### Specification Code

Joint Pipe Bore G1/4" Two-position Three-way Mechanical Valve

#### 型号/Type

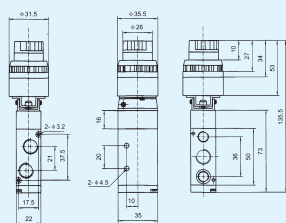
- 01: 选择型旋钮 / Selective Knob
- 02: 加长型旋钮 / Strengthened Knob
- 03: 带锁型按钮 / With Lock Button
- 04: 大圆型按钮 / Large Round Button
- 05: 平圆型按钮 / Flat Round Button
- 06: 凸圆型按钮 / Convex Round Button
- 07: 滚轮型 / With Lock Button

### 规格 Specification

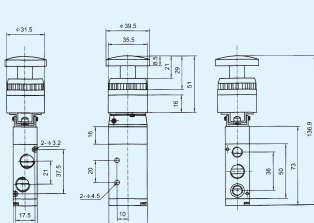
| 型 号                             | JMJ-01、02、03、04、05、06、07 |
|---------------------------------|--------------------------|
| 接管口径<br>Joint Pipe Bore         | G1/4"                    |
| 工作介质<br>Working Medium          | 空气 / Air                 |
| 温度范围<br>Temperature Range       | 0~60℃                    |
| 压力范围<br>Pressure Range          | 0~1MPa                   |
| 有效截面积<br>Effective Section Area | 2.5mm <sup>2</sup>       |
| 润滑<br>Lubrication               | 不需要 / Not Necessary      |

### 外形尺寸 Overall Dimension

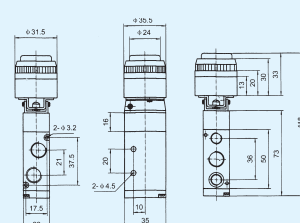
JMJ-01



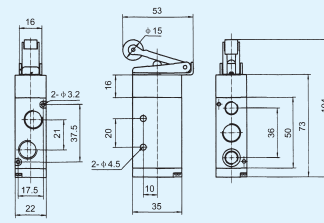
JMJ-03



JMJ-05



JMJ-07



01

02

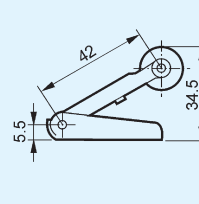
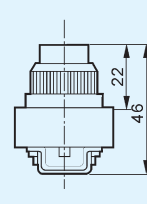
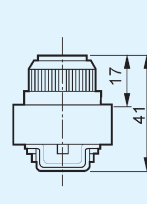
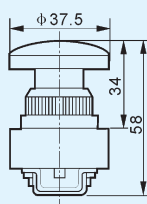
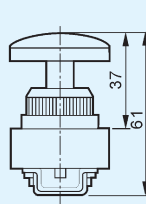
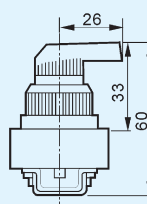
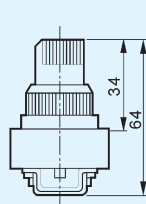
03

04

05

06

07





# 机械阀 Mechanical Valve



## 订购码 Ordering Code

JM

05

规格代码

截止式机械阀

Specification Code

Stop-type Machinery Valve

按钮形式

05: 选择型旋钮

06: 带锁型按钮

06A: 平圆型按钮

07: 滚轮型

Button Type

05: Selective Knob

06: With Lock Button

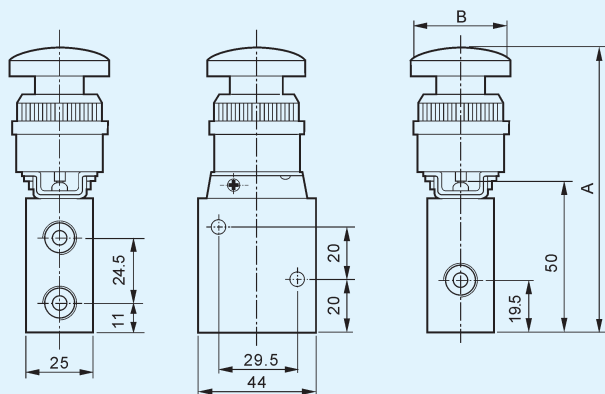
06A: Plat Round Button

07: Roller Type

## 规格 Specification

| 型号 Model                         | JM-05   | JM-06 | JM-06A | JM-07 |
|----------------------------------|---|-------|--------|-------|
| 工作介质<br>Working Medium           | 经40微米过滤的空气 / 40 Micron Filtered Air                       |       |        |       |
| 位通数<br>Position and Way NO.      | 二位三通 / Two-position Three-way 二位二通 / Two-position Two-way |       |        |       |
| 接口口径<br>Joint Pipe Bore          | G1/4"   |       |        |       |
| 使用压力范围<br>Working-pressure Range | 0~0.8MPa  |       |        |       |
| 使用温度范围<br>Operating Temperature  | 0~60℃   |       |        |       |

## 外形尺寸 Overall Dimension



## 尺寸表 Dimension Sheet

| 型号<br>Model | A    | B    |
|-------------|------|------|
| JM-05       | 114  | 36.5 |
| JM-06       | 111  | 39.5 |
| JM-06A      | 96   | 39.5 |
| JM-07       | 84.5 | 42.5 |

# 机械阀 Mechanical Valve



## 订购码 Ordering Code

MOV

规格代码  
Specification Code  
机控、手控阀  
Machine-Control, Hand-  
Control Valve

01

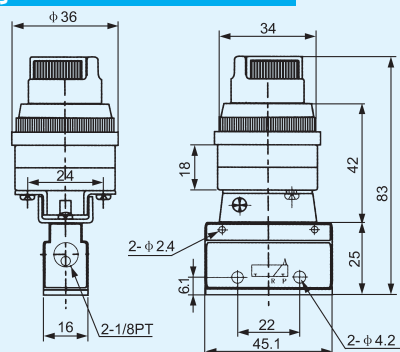
按钮形式  
01:选择型旋钮  
02:滚轮型  
03:连锁型按钮  
04:平圆型按钮  
Button Type  
01:Selective Knob  
02:Roller Type  
03:With Lock Button  
04:Plat Round Button

## 规格 Specification

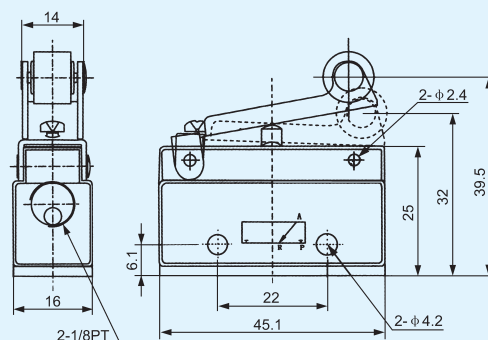
| 型 号 Model                        | MOV-01                      | MOV-02 | MOV-03 | MOV-04 |
|----------------------------------|-----------------------------|--------|--------|--------|
| 使用液体<br>Operating Fluid          | 空气 / Air                    |        |        |        |
| 位通数<br>Position and Way NO.      | 二位三通 / Two-position Two-way |        |        |        |
| 接口口径<br>Joint Pipe Bore          | G1/8"                       |        |        |        |
| 使用压力范围<br>Working-pressure Range | 0~0.8MPa                    |        |        |        |
| 使用温度范围<br>Operating Temperature  | 0~70℃                       |        |        |        |

## 外形尺寸 Overall Dimension

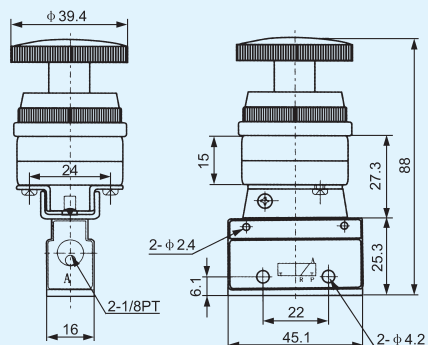
MOV-01



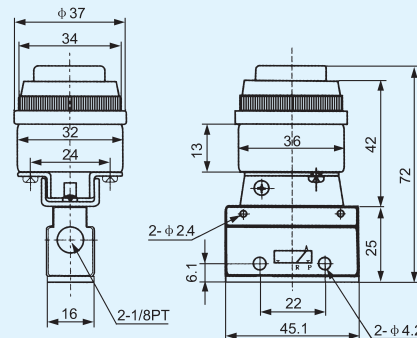
MOV-02



MOV-03



MOV-04



# 手拉阀 Hand-draw Valve



## 订购码 Ordering Code

4R

### 规格代码

4R: 二位五通手拉阀

3R: 二位三通手拉阀

### Specification Code

4R: Two-position Five-way Hand-Pull Valve

3R: Two-position Three-way Hand-Pull Valve

2

### 系列代号

200系列/Series

300系列/Series

400系列/Series

10

### 位置数

10: 单头双位置

### Number of places

10: Single-head Double-position

06

### 接口口径

06: G1/8"

08: G1/4"

10: G3/8"

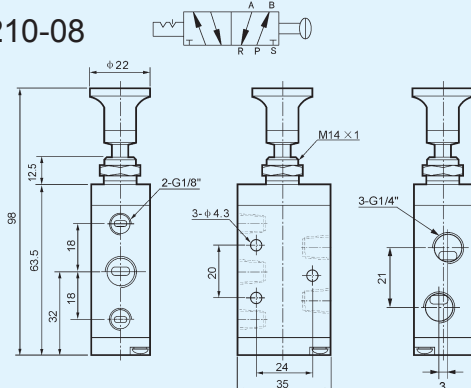
15: G1/2"

## 规格 Specification

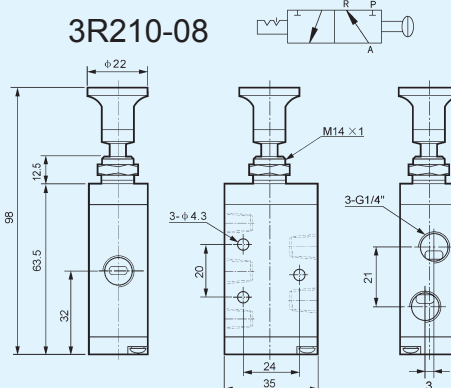
| 型 号 Model                             | 4R110-06                   | 4R210-08 | 4R310-10 | 4R410-15 | 3R110-06                    | 3R210-08 | 3R310-10 | 3R410-15 |
|---------------------------------------|----------------------------|----------|----------|----------|-----------------------------|----------|----------|----------|
| 工作介质<br>Working Medium                | 压缩空气 / Compresses Air      |          |          |          |                             |          |          |          |
| 位通数<br>Position and Way NO.           | 二位五通 Two-position Five-way |          |          |          | 二位三通 Two-position Three-way |          |          |          |
| 接口口径<br>Joint Pipe Bore               | G1/8"                      | G1/4"    | G3/8"    | G1/2"    | G1/8"                       | G1/4"    | G3/8"    | G1/2"    |
| 使用压力范围<br>Working-pressure Range      | 0~1.0MPa                   |          |          |          |                             |          |          |          |
| 使用温度范围<br>Operating Temperature Range | -5~60℃                     |          |          |          |                             |          |          |          |
| 动作方式<br>Operating Method              | 直动式 Direct Action Type     |          |          |          |                             |          |          |          |
| 润滑<br>Lubrication                     | 不需要 Not Required           |          |          |          |                             |          |          |          |

## 外形尺寸 Overall Dimension

4R210-08



3R210-08



# 手 转 阀 Hand-switching Valve



## 订购码 Ordering Code

|   |   |   |   |  |   |  |  |   |   |  |                    |
|---|---|---|---|--|---|--|--|---|---|--|--------------------|
| <b>HV</b>   | - | <b>02</b>   | <b>B</b>  |  | <b>K</b>  |  | <b>34</b>  | - | <b>R<sub>8</sub></b>  | <b>L8</b>  | <b>D</b>           |
| 规格代码<br>手转阀<br>Specification<br>Code<br>Hand-switching<br>Valve |   | 接口口径<br>Joint Pipe<br>Bore<br>02: G1/4"<br>03: G3/8"<br>04: G1/2" | 接管形式<br>空白: 管接式<br>B: 板接式<br>Joint Pipe Type<br>Blank: Pipe Connection<br>Type<br>B: Plate Connection<br>Type |  | 规格代码<br>手转阀<br>Specification<br>Code<br>Hand-switching<br>Valve |  | 位通数<br>24:二位四通<br>34:三位四通<br>Position and<br>Way NO.<br>24:Two-position<br>Four-way<br>34:Three-position<br>Four-way |   | 形式代号<br>R <sub>8</sub> :手转阀<br>Type Code<br>R <sub>8</sub> :Hand-switching<br>Valve | 接口口径<br>Joint Pipe<br>Bore<br>L6: G1/8"<br>L8: G1/4" | 底部接口<br>Base Joint |

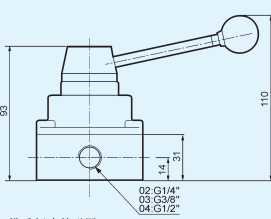
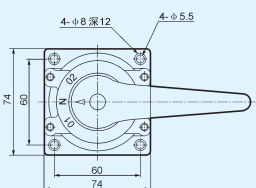
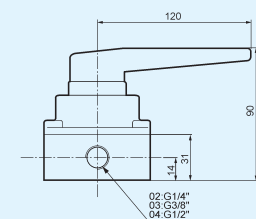
## 规格 Specification

| 型 号 Model                         | HV-02                               | HV-03 | HV-04 | K34R <sub>8</sub> -L6       | K34R <sub>8</sub> -L8 |
|-----------------------------------|-------------------------------------|-------|-------|-----------------------------|-----------------------|
| 工作介质<br>Working Medium            | 经40微米过滤的空气 / 40 Micron Filtered Air |       |       |                             |                       |
| 有效截面积<br>Effective Sectional Area | 30mm <sup>2</sup> (CV=1.68)         |       |       | 18mm <sup>2</sup> (CV=1.00) |                       |
| 接口口径<br>Joint Pipe Bore           | G1/4"                               | G3/8" | G1/2" | G1/8"                       | G1/4"                 |
| 使用压力范围<br>Working-pressure Range  | 0~0.8MPa                            |       |       |                             |                       |
| 使用温度范围<br>Operating Temperature   | 0~60℃                               |       |       |                             |                       |

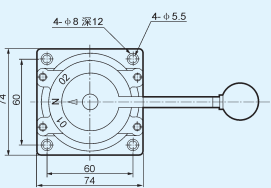
- \* 公司可提供密封结构形式为橡胶软密封和陶瓷硬密封的手转阀。
- \* Company can offer Hand-switching Valve with soft rubber seals and hard pottery seals as the seal structure form.

## 外形尺寸 Overall Dimension

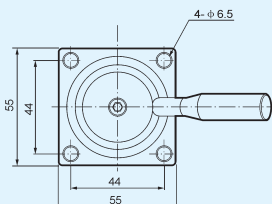
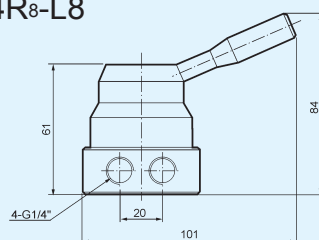
HV



带手柄外形图



K34R<sub>8</sub>-L8



## 手扳阀 Hand-pull Valve



订购码 Ordering Code

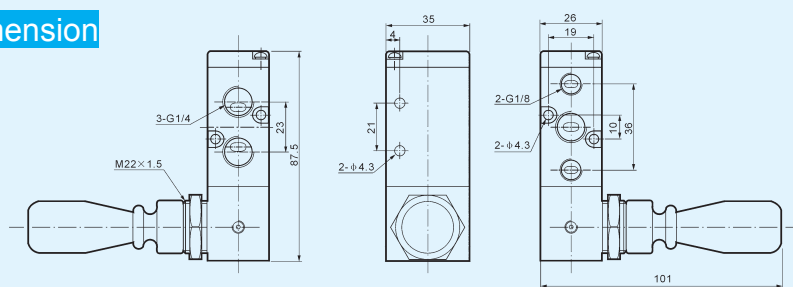
|  |   |   |  |  |  |  |   |  |  |
|--|---|---|--|--|--|--|---|--|--|
| <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>TSV86</b></div> <div style="text-align: center;">规格代码<br/>手扳阀<br/><b>Specification Code</b><br/>Hand-pull Valve</div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>52</b></div> <div style="text-align: center;">位置数<br/>二位五通<br/><b>Position and Way NO.</b><br/>Two-position Five-way</div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>2</b></div> <div style="text-align: center;">接口口径<br/><b>Joint Pipe Bore</b><br/>1: G1/8"<br/>2: G1/4"</div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>-</b></div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>M</b></div> <div style="text-align: center;">形式代号<br/>M:机械锁定式<br/>S:弹簧复位式<br/><b>Type Code</b><br/>M:Machinery Locking Type<br/>S:Spring Reset Type</div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>TSV98</b></div> <div style="text-align: center;">规格代码<br/>手扳阀<br/><b>Specification Code</b><br/>Hand-pull Valve</div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>32</b></div> <div style="text-align: center;">位置数<br/>二位三通<br/><b>Position and Way NO.</b><br/>Two-position Three-way</div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>2</b></div> <div style="text-align: center;">接口口径<br/><b>Joint Pipe Bore</b><br/>1: G1/8"<br/>2: G1/4"</div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>-</b></div> | <div style="background-color: #0070C0; color: white; padding: 5px; margin-bottom: 5px;"><b>M</b></div> <div style="text-align: center;">形式代号<br/>M:机械锁定式<br/>S:弹簧复位式<br/><b>Type Code</b><br/>M:Machinery Locking Type<br/>S:Spring Reset Type</div> |
|--|---|---|--|--|--|--|---|--|--|

#### 规格 Specification

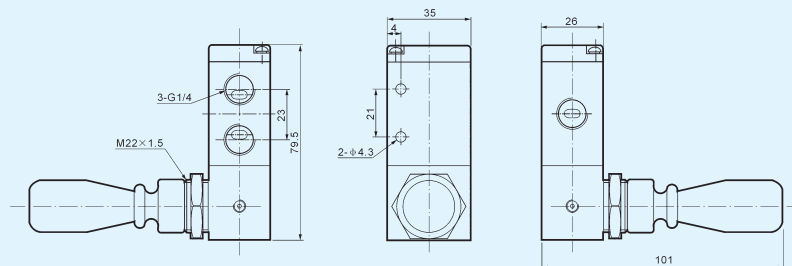
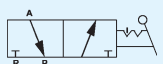
|                                   |                                     |             |
|-----------------------------------|-------------------------------------|-------------|
| 型号 Model                          | TSV86522M/S                         | TSV98322M/S |
| 工作介质<br>Working Medium            | 经40微米过滤的空气 / 40 Micron Filtered Air |             |
| 动作方式<br>Motion Pattern            | 直动式 / Direct Drive Type             |             |
| 有效截面积<br>Effective Sectional Area | 18mm <sup>2</sup> (CV=1.00)         |             |
| 接口口径<br>Joint Pipe Bore           | G1/4"                               |             |
| 使用压力范围<br>Working-pressure Range  | 0~1.0MPa                            |             |
| 使用温度范围<br>Operating Temperature   | 0~60℃                               |             |

#### 外形尺寸 Overall Dimension

## TSV86522



## TSV98322





## 手扳阀 Hand-pull Valve



### 订购码 Ordering Code

4H

规格代码

4H:二(三)位五通

Specification Code

4H: Two(Three)-position Five-way

2

系列代号

2: 200系列

3: 300系列

4: 400系列

Button Type

2: 200 Series

3: 300 Series

4: 400 Series

10

位置数

10: 单头双位置

30: 单头三位置

Specification Code

10: Single-head Double-position

30: Single-head Three-position

06

接口口径

Joint Pipe Bore

06: G1/8"

08: G1/4"

10: G3/8"

15: G1/2"

L

形式代号

空白: 三位五通复位型

L: 三位五通锁型

Type Code

Blank: Three-position Five-way Reset Type

L: Three-position Five-way Locking Type

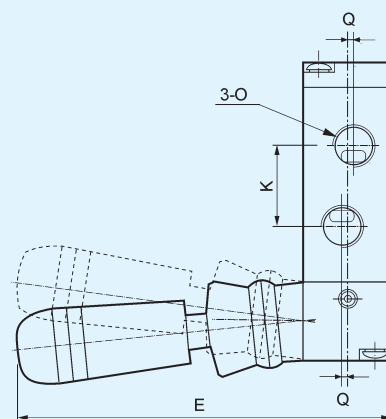
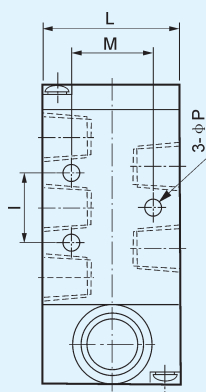
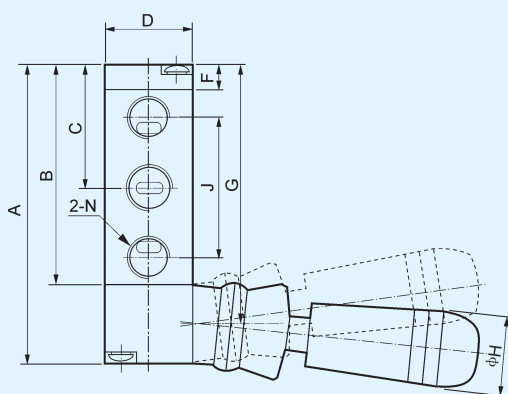
### 规格 Specification

| 型号 Model                              | 4H210-06   | 4H210-08  | 4H230-08                    | 4H310-08   | 4H310-10   | 4H330-10                    | 4H410-15   | 4H430-15                    |
|---------------------------------------|--|---|-----------------------------|--|--|-----------------------------|--|-----------------------------|
| 工作介质<br>Working Medium                | 经40微米过滤的空气 / 40 Micron Filtered Air                                  |   |                             |  |  |                             |  |                             |
| 动作方式<br>Motion Pattern                | 直动式 / Direct Drive Type  |   |                             |  |  |                             |  |                             |
| 有效截面积<br>Effective Section Area       | 14mm <sup>2</sup> (CV=0.78)  | 16mm <sup>2</sup> (CV=0.89)                                       | 12mm <sup>2</sup> (CV=0.67) | 25mm <sup>2</sup> (CV=1.4)   | 30mm <sup>2</sup> (CV=1.68)  | 30mm <sup>2</sup> (CV=1.68) | 50mm <sup>2</sup> (CV=2.79)                                    | 50mm <sup>2</sup> (CV=2.79) |
| 接口口径<br>Joint Pipe Bore               | 进气 = 出气 =<br>排气 = G1/8"<br>Air Inlet=Air<br>Outlet=Exhaust<br>=G1/8" | 进气 = 出气 = 排气 = G1/4"<br>Air Inlet=Air<br>Outlet=Exhaust<br>=G1/4" |                             | 进气 = 出气 =<br>排气 = G1/4"<br>Air Inlet=Air<br>Outlet=Exhaust<br>=G1/4" | 进气 = 出气 = G3/8"<br>排气 = G1/4"<br>Air Inlet=Air Outlet=G3/8"<br>Exhaust=G1/4" |                             | 进气 = 出气 = 排气 = G1/2"<br>Air Inlet=Air Outlet=Exhaust<br>=G1/2" |                             |
| 使用压力范围<br>Working-pressure Range      | 0~1.0MPa   |   |                             |  |  |                             |  |                             |
| 使用温度范围<br>Operating Temperature Range | 0~60℃  |   |                             |  |  |                             |  |                             |

# 手扳阀 Hand-pull Valve

## 外形尺寸 Overall Dimension

4H系列 Series



| 符号 / 型号<br>Symbol / Model | 4H210-06 | 4H230-06 | 4H230-06<br>(自动复位)<br>(Automatic Reset) | 4H210-08 | 4H230-08L | 4H230-08<br>(自动复位)<br>(Automatic Reset) | 4H310-08 | 4H310-10 | 4H410-15 |
|---------------------------|----------|----------|---|----------|-----------|---|----------|----------|----------|
| A                         | 76       | 95       | 76                                      | 95       | 92        | 92                                      | 126      |          |          |
| B                         | 56.5     | 75.5     | 56.5                                    | 75.5     | 72.5      | 72.5                                    | 102      |          |          |
| C                         | 31.5     | 31.5     | 31.5                                    | 31.5     | 40        | 40                                      | 55.5     |          |          |
| D                         | 22       | 22       | 22                                      | 22       | 27        | 27                                      | 34       |          |          |
| E                         | 95       | 95       | 95                                      | 95       | 100       | 100                                     | 110      |          |          |
| F                         | 6.5      | 6.5      | 6.5                                     | 6.5      | 7.5       | 7.5                                     | 7.5      |          |          |
| G                         | 66.5     | 85.5     | 66.5                                    | 85.5     | 82.5      | 82.5                                    | 114      |          |          |
| H                         | 18       | 18       | 18                                      | 18       | 18        | 18                                      | 18       |          |          |
| I                         | 20       | 20       | 20                                      | 20       | 24        | 24                                      | 28       |          |          |
| J                         | 36       | 36       | 36                                      | 36       | 45        | 45                                      | 63       |          |          |
| K                         | 21       | 21       | 21                                      | 21       | 24        | 24                                      | 36       |          |          |
| L                         | 35       | 35       | 35                                      | 35       | 40        | 40                                      | 50       |          |          |
| M                         | 21       | 21       | 21                                      | 21       | 27        | 27                                      | 35       |          |          |
| N                         | G1/8     | G1/8     | G1/8                                    | G1/8     | G1/4      | G1/4                                    | G1/2     |          |          |
| O                         | G1/8     | G1/8     | G1/4                                    | G1/4     | G1/4      | G3/8                                    | G1/2     |          |          |
| P                         | 4.3      | 4.3      | 4.3                                     | 4.3      | 4.3       | 4.3                                     | 5.5      |          |          |
| Q                         | -        | -        | 1.5                                     | 1.5      | -         | 2                                       | -        |          |          |

## 脚踏阀 Foot Valve



### 订购码 Ordering Code

**4F**

规格代码

4F: 二位五通脚踏阀

Specification Code

4F: Two-position

Five-way Foot Valve

**2**

系列代号

Series No.

2: 200系列

2: 200 Series

**10**

位置数

10: 单头双位置

Number of Places

10: Single-head

Double-position

**08**

接口口径

Joint Pipe Bore

08: G1/4"

**L**

型式代号

空白: 标准型

L: 附锁型

G: 附罩型

LG: 附锁及罩型

Type Code

Blank: standard type

L: with lock

G: with cover

LG: with lock and cover

**FV**

规格代码

FV: 脚踏阀

Specification Code

FV: Foot Valve

**320**

位通数

320: 二位三通

420: 二位四通

Position and Way Number

320: Two-position Three-way

420: Two-position Four-way

**4FM**

规格代码

4FM: 二位四通迷你脚踏阀

3FM: 二位三通迷你脚踏阀

Specification Code

4FM: Two-position Four-way

Mini Foot Valve

3FM: Two-position Three-way

Mini Foot Valve

**2**

系列代号

2: 200系列

Series No.

2: 200 Series

**10**

位置数

10: 单头双位置

Number of Places

10: Single-head

Double-position

**08**

接口口径

Joint Pipe Bore

M5: M5

06: PT1/8

08: PT1/4

**L**

形式代号

空白: 标准型

L: 附锁型

Type Code

Blank: standard type

L: with lock

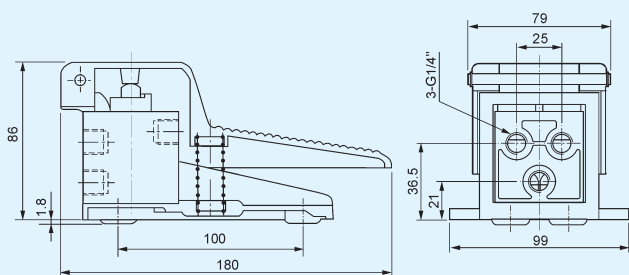
### 规格 Specification

| 型 号 Model                             | 4F210-08   | 4F210-08L | 4F210-08G | 4F210-08LG | FV420  | FV320                          | 4FM210-08  | 3FM210-08                      |
|---------------------------------------|--|-----------|-----------|------------|--|--------------------------------|--|--------------------------------|
| 工作介质<br>Working Medium                | 经40微米过滤的空气 / 40 Micron Filtered Air                  |           |           |            |  |                                |  |                                |
| 位通数<br>Position and Way NO.           | 二位五通 / Two-position Five-way                         |           |           |            | 二位四通<br>Two-position Four-way                                  | 二位三通<br>Two-position Three-way | 二位四通<br>Two-position Four-way                        | 二位三通<br>Two-position Three-way |
| 动作形式<br>Motion Patten                 | 直动式 / Direct Drive Type                              |           |           |            |  |                                |  |                                |
| 接口口径<br>Joint Pipe Bore               | 进气=出气=排气=G1/4"<br>Air Inlet=Air Outlet=Exhaust=G1/4" |           |           |            | 进气=出气=G1/4"排气=G1/8"<br>Air Inlet=Air Outlet=G1/4 Exhaust=G1/8" |                                | 进气=出气=排气=G1/4"<br>Air Inlet=Air Outlet=Exhaust=G1/4" |                                |
| 使用压力范围<br>Working-pressure Range      | 0.15~0.9MPa  |           |           |            |  |                                |  |                                |
| 使用温度范围<br>Operating Temperature Range | 0~60℃  |           |           |            |  |                                | -5~60℃   |                                |

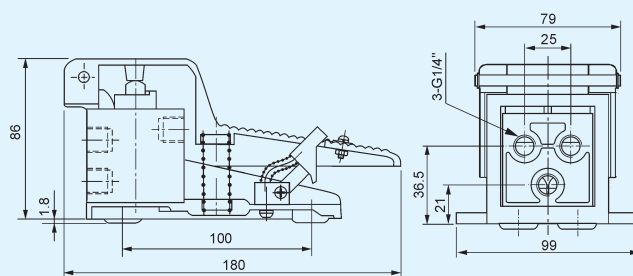
# 脚踏阀 Foot Valve

## 外形尺寸 Overall Dimension

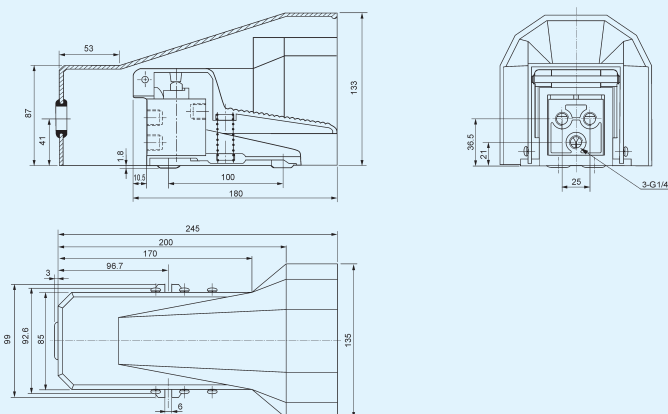
4F210-08



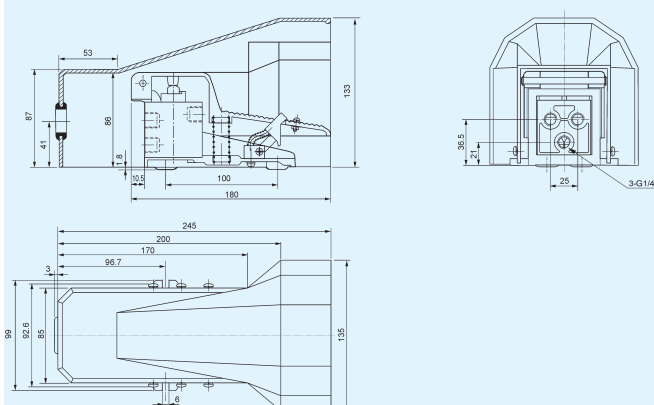
4F210-08L



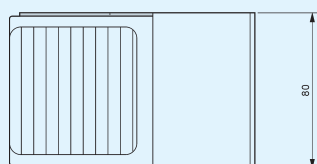
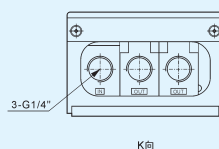
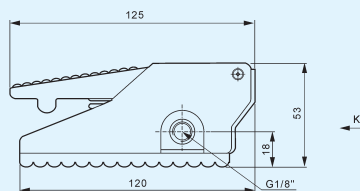
4F210-08G



4F210-08LG



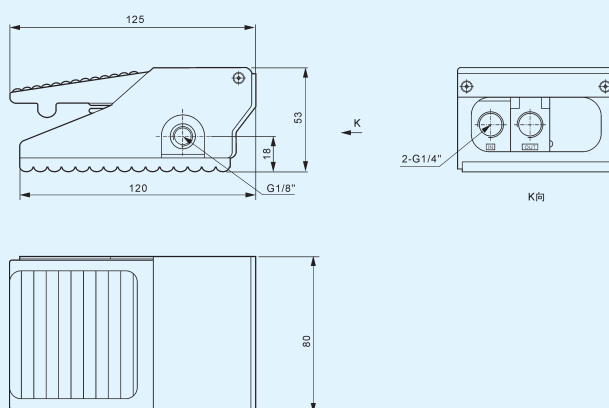
FV420



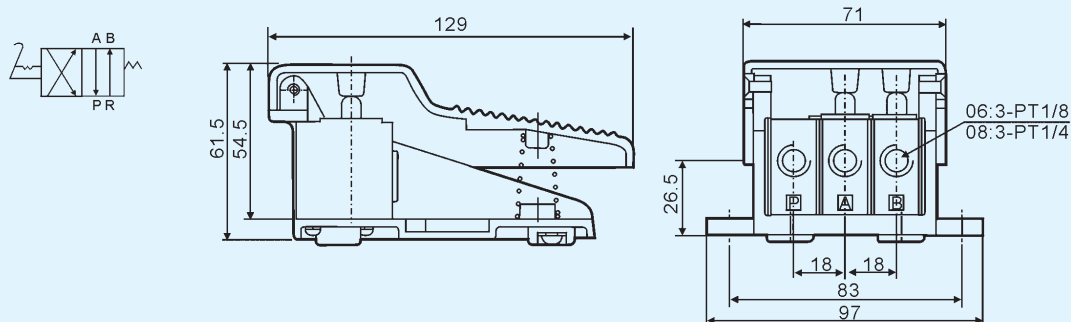
# 脚踏阀 Foot Valve

## 外形尺寸 Overall Dimension

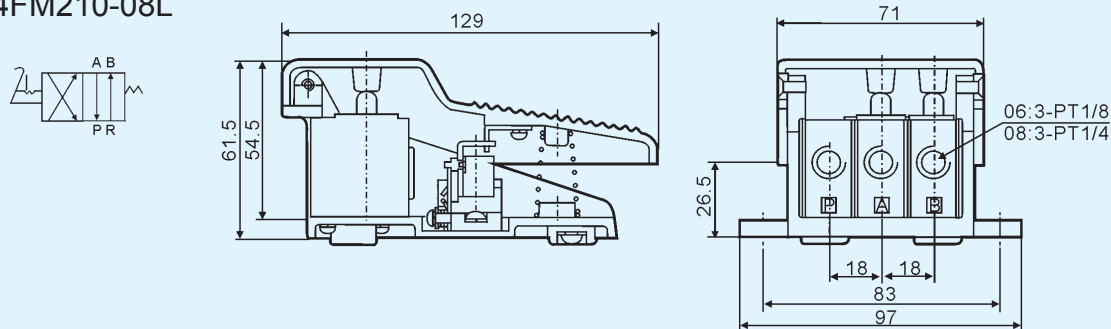
### FV320



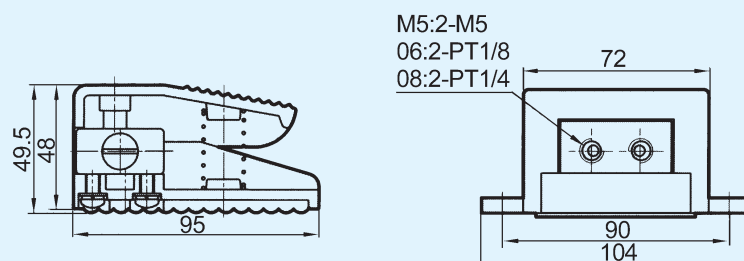
### 4FM210-08



### 4FM210-08L



### 3FM210-08





## RE系列流量控制阀

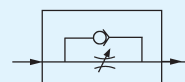
### RE Series Flow Control Valve



#### 订购码 Ordering Code

|  |   |  |
|--|---|--|
| <b>RE</b>  | - | <b>01</b>                                  |
| 系列代号/Series Code                                     |   | 接管口径/Joint Pipe Bore                       |
| RE: 普通型流量控制阀<br>RE: Ordinary Type Flow Control Valve |   | 01: G1/8" 03: G3/8"<br>02: G1/4" 04: G1/2" |

#### 图形符号 Graphic Symbol

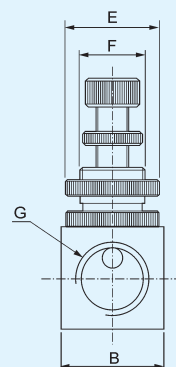
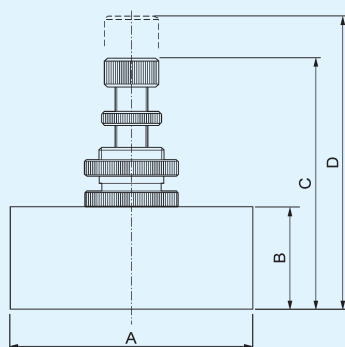


#### 规格 Specification

| 型号 Model                           | RE-01     | RE-02 | RE-03 | RE-04 |
|------------------------------------|-----------|-------|-------|-------|
| 接管口径 Joint Pipe Bore               | G1/8"     | G1/4" | G3/8" | G1/2" |
| 工作介质 Working Medium                | 空气 / Air  |       |       |       |
| 使用压力范围 Working-pressure Range      | 0~0.95MPa |       |       |       |
| 使用温度范围 Operating Temperature Range | 0~60℃     |       |       |       |

#### 外形尺寸 Overall Dimension

RE系列/Series



#### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | A  | B  | C  | D  | E    | F     | G    |
|---------------------------|----|----|----|----|------|-------|------|
| RE-01                     | 45 | 19 | 43 | 50 | φ 19 | M14×1 | G1/8 |
| RE-02                     | 45 | 19 | 43 | 50 | φ 19 | M14×1 | G1/4 |
| RE-03                     | 55 | 25 | 55 | 62 | φ 25 | M18×1 | G3/8 |
| RE-04                     | 55 | 25 | 55 | 62 | φ 25 | M18×1 | G1/2 |

## KLA系列单向节流阀 KLA Series Check Valve



### 订购码 Ordering Code

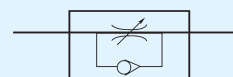
**KLA**

规格代码  
KLA: 单向节流阀  
Specification Code  
KLA: Check Valve

**10**

接管口径  
Joint Pipe Code  
06: G1/8 08: G1/4  
10: G3/8 15: G1/2

### 图形符号 Graphic Symbol

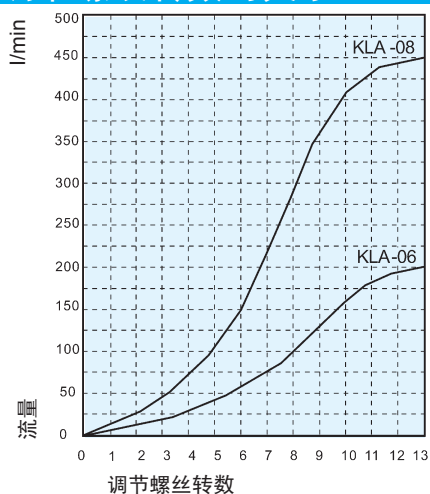


### 规格 Specification

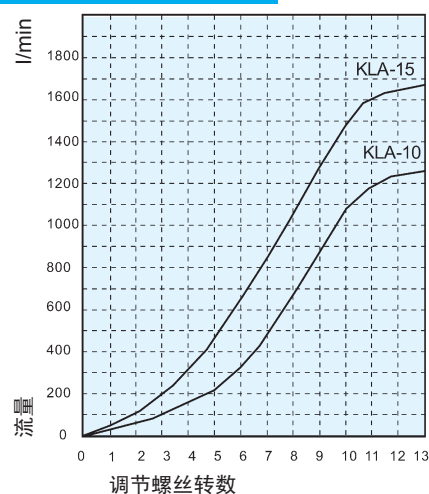
| 型号 Model                              |                   | KLA-06                         | KLA-08 | KLA-10 | KLA-15 |
|---------------------------------------|-------------------|--------------------------------|--------|--------|--------|
| 工作介质 Working Medium                   |                   | 空气 / Air                       |        |        |        |
| 接管口径 Joint Pipe Bore                  |                   | G1/8                           | G1/4   | G3/8   | G1/2   |
| 使用压力范围 Working-pressure Range         |                   | 0.5~9.5 Kg/cm <sup>2</sup>     |        |        |        |
| 保证耐压力 Ensured Pressure Resistance     |                   | 15.0 Kg/cm <sup>2</sup>        |        |        |        |
| 使用温度范围 Operating Temperature Range    |                   | -5~60℃                         |        |        |        |
| 本体材质 Body of Material                 |                   | 铝合金 LY12 / Aluminum Alloy LY12 |        |        |        |
| 标准额定流量 (L/min)<br>Standard Rated Flow | 节流阀 Check Valve   | 200                            | 450    | 1250   | 1650   |
|                                       | 单向阀 One-way Valve | 400                            | 800    | 1500   | 2000   |

### 流量与调节螺纹转数的关系 Flow & Adjust Screw Thread Turn No. Nexus

KLA-06  
KLA-08



KLA-10  
KLA-15



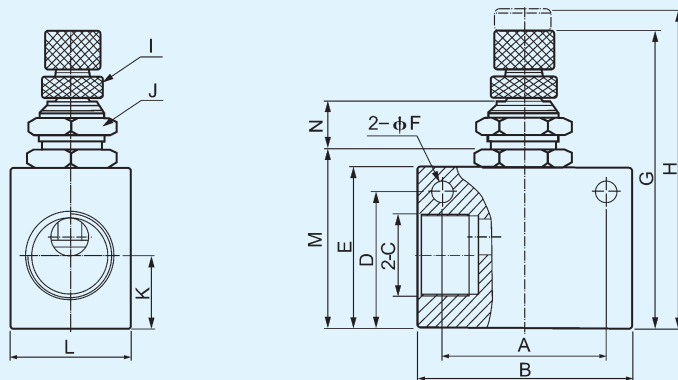
## KLA系列单向节流阀

### KLA Series Check Valve

#### 外形尺寸 Overall Dimension

KLA-06

KLA-08

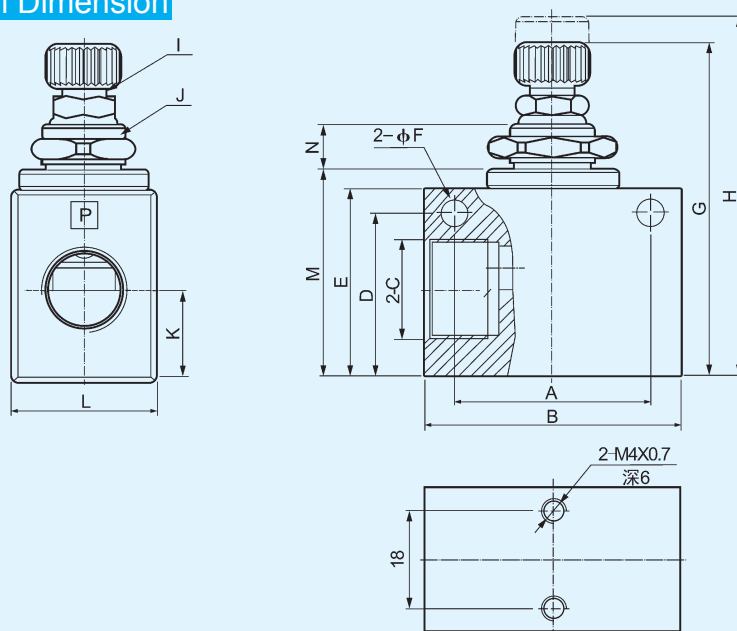


#### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | A  | B  | C     | D  | E  | F   | G    | H    | I      | J        | K    | L  | M  | N   |
|---------------------------|----|----|-------|----|----|-----|------|------|--------|----------|------|----|----|-----|
| KLA-06                    | 22 | 32 | PT1/8 | 18 | 23 | 4.3 | 46.8 | 52.3 | M6×0.5 | M12×0.75 | 10   | 18 | 26 | 8.6 |
| KLA-08                    | 26 | 36 | PT1/4 | 23 | 27 | 4.3 | 50.8 | 56.3 | M6×0.5 | M12×0.75 | 13.5 | 18 | 30 | 8.6 |

#### 外形尺寸 Overall Dimension

KLA-10 ~ KLA-15



#### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | A  | B  | C    | D  | E  | F   | G  | H  | I       | J      | K    | L  | M    | N    |
|---------------------------|----|----|------|----|----|-----|----|----|---------|--------|------|----|------|------|
| KLA-10                    | 35 | 50 | G3/8 | 32 | 37 | 5.3 | 65 | 74 | M8×0.75 | M16 ×1 | 17.5 | 28 | 40.5 | 10.2 |
| KLA-15                    | 35 | 50 | G1/2 | 32 | 37 | 5.3 | 65 | 74 | M8×0.75 | M16 ×1 | 17.5 | 28 | 40.5 | 10.2 |

## ASC系列单向节流阀 ASC Series Check Valve



### 订购码 Ordering Code

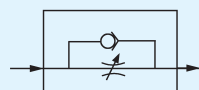
**ASC**

系列代号  
ASC: 精密型流量控制阀  
Series Code  
ASC: Accurate Type Flow Control Valve

**08**

接管口径 Joint Pipe Bore  
06: G1/8"  
08: G1/4"  
10: G3/8"  
15: G1/2"

### 图形符号 Graphic Symbol

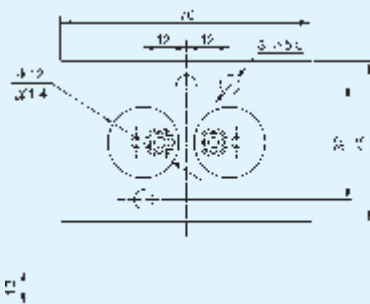


### 规格 Specification

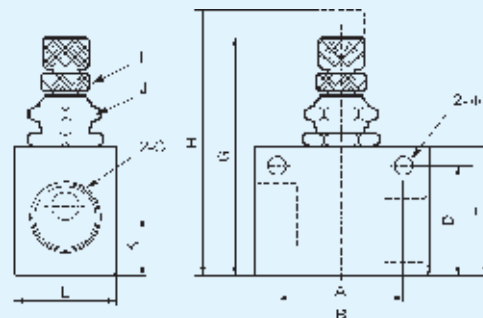
| 型 号    | Model                       | ASC-06    | ASC-08 | ASC-10 | ASC-15 |
|--------|-----------------------------|-----------|--------|--------|--------|
| 接管口径   | Joint Pipe Bore             | G1/8"     | G1/4"  | G3/8"  | G1/2"  |
| 工作介质   | Working Medium              | 空气 / Air  |        |        |        |
| 使用压力范围 | Working-pressure Range      | 0~0.95MPa |        |        |        |
| 使用温度范围 | Operating Temperature Range | 0~60℃     |        |        |        |

### 外形尺寸 Overall Dimension

ASC-08B



ASC系列/Series



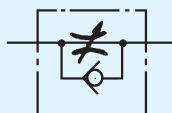
### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | A  | B  | C    | D  | E  | F   | G    | H    | I       | J         | K    | L  |
|---------------------------|----|----|------|----|----|-----|------|------|---------|-----------|------|----|
| ASC-06                    | 22 | 32 | G1/8 | 22 | 27 | 4.3 | 49.7 | 56.5 | M6×0.5  | M12 ×0.75 | 12   | 18 |
| ASC-08                    | 26 | 36 | G1/4 | 22 | 27 | 4.3 | 49.7 | 56.5 | M6 ×0.5 | M12 ×0.75 | 12   | 18 |
| ASC-10                    | 28 | 40 | G3/8 | 25 | 30 | 4.3 | 52.7 | 59.5 | M6 ×0.5 | M12 ×0.75 | 13   | 22 |
| ASC-15                    | 28 | 40 | G1/2 | 30 | 35 | 4.3 | 58.7 | 65.5 | M6×0.5  | M12 ×0.75 | 13.5 | 26 |

## AS系列单向节流阀 AS Series Check Valve



### 图形符号 Graphic Symbol



### 规格 Specification

| 型 号     | Model                         | AS1000  | AS2000~4000 |
|---------|-------------------------------|---------|-------------|
| 保证耐压力   | Ensured Pressure Resistance   | 1.05MPa | 1.5MPa      |
| 最高使用压力  | Highest Working Pressure      | 0.7MPa  | 1.0MPa      |
| 最低使用压力  | Lowest Working Pressure       | 0.1MPa  | 0.05MPa     |
| 环境与介质温度 | Ambient and Media Temperature | 5 ~ 60℃ |             |
| 调整流量转数  | Regulated Flow Turns          | 10      | *8 ~ 9      |

注\*: AS2000为9转, AS3000、AS4000为8转。  
Note\*: 9 turns for AS2000, 8 turns for AS3000 and AS4000.

| 型 号 Model | 口径 Bore | 自由流量 Free Flow   |   | 控制流量 Controlled Flow |   | 重量 Weight (g) |
|-----------|---------|------------------|---|----------------------|---|---------------|
|           |         | *流量 Flow (L/min) | 有效截面积 Effective Sectional Area (mm <sup>2</sup> ) | *流量 Flow (L/min)     | 有效截面积 Effective Sectional Area (mm <sup>2</sup> ) |               |
| AS1000-M5 | M5      | 90               | 1.4   | 80                   | 1.2   | 33            |
| AS2000-01 | G1/8"   | 340              | 5.2   | 250                  | 3.8   | 90            |
| AS2000-02 | G1/4"   |                  |   |                      |   | 115           |
| AS3000-02 | G1/4"   | 810              | 12.3  | 810                  | 12.3  | 130           |
| AS3000-03 | G3/8"   |                  |   |                      |   |               |
| AS4000-02 | G1/4"   | 1670             | 25.5  | 1670                 | 25.5  | 205           |
| AS4000-03 | G3/8"   |                  |   |                      |   |               |
| AS4000-04 | G1/2"   |                  |   |                      |   |               |

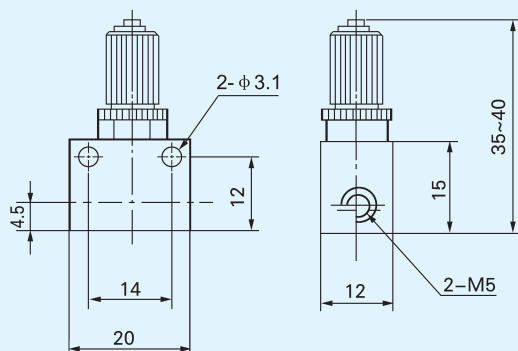
注\*: 输入压力为0.5MPa。  
Note\*: Input pressure is 0.5MPa.



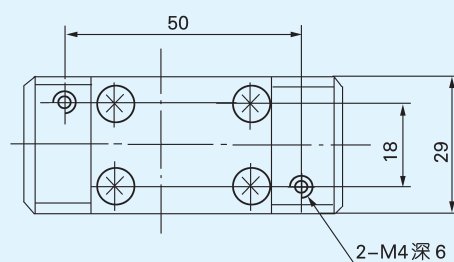
## AS系列单向节流阀 AS Series Check Valve

### 外形尺寸 Overall Dimension

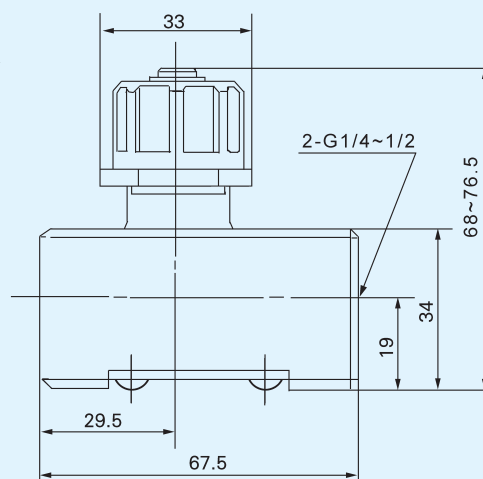
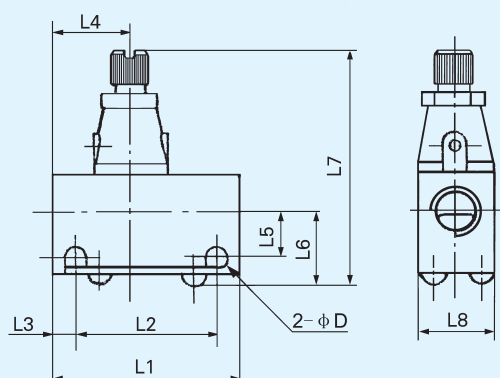
AS1000-M5



AS4000



AS2000-3000



### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | 口径 Bore | L1 | L2   | L3   | L4 | L5   | L6   | L7      | L8 | D   |
|---------------------------|---------|----|------|------|----|------|------|---------|----|-----|
| AS2000-01                 | G1/8"   | 40 | 30   | 5    | 17 | 10   | 15.5 | 50~54.5 | 16 | 4.5 |
| AS2000-02                 | G1/4"   | 40 | 30   | 5    | 23 | 11.5 | 17   | 51.5~56 | 20 | 4.5 |
| AS3000-02                 | G1/4"   | 56 | 45.5 | 5.25 | 25 | 13.2 | 21   | 62~69   | 26 | 5.5 |
| AS3000-03                 | G3/8"   |    |      |      |    |      |      |         |    |     |

## KA系列单向阀 KA Series Check Valve



### 产品说明 Product Explain

该阀是一种单向型方向控制元件，当工作介质通过本阀时，只能沿着一个给定的方向流动。在工作中，如果介质压力方向有变化时，本阀可起截止作用，使系统中介质不能返回，故本产品又叫逆止阀。

The valve is unidirectional control element. When passing the valve, the working medium can only flow along a given direction. In operation, when the medium pressure direction changes, the valve functions to stop the return of the medium in the system. Therefore, the product is also called non-return valve.

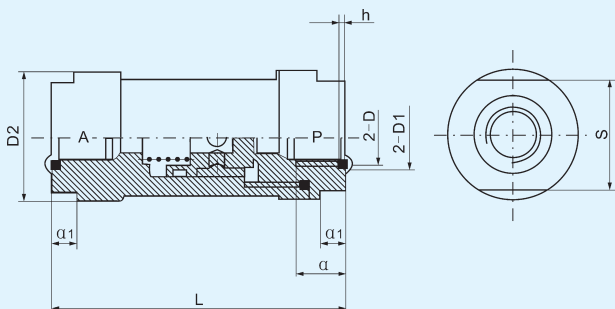
### 图形符号 Graphic Symbol



### 规格 Specification

| 型 号 Model                                    | KA-L3         | KA-L6 | KA-L8 | KA-L10 | KA-L15 | KA-L20 | KA-L25 | KA-L32 | KA-L40 | KA-L50 |
|--|---------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 工作压力 Working-pressure                        | 0.05 ~ 0.8MPa |       |       |        |        |        |        |        |        |        |
| 环境温度 Entirnement Temperature                 | -10 ~ +55℃    |       |       |        |        |        |        |        |        |        |
| 介质温度 Medium Temperature                      | 0 ~ +55℃      |       |       |        |        |        |        |        |        |        |
| 流通能力S值(mm <sup>2</sup> ) Circulating Ability | 4             | 10    | 20    | 40     | 60     | 110    | 190    | 300    | 400    | 650    |
| 开启能力 Startup Ability                         | ≤ 0.03MPa     |       |       |        |        |        |        |        |        |        |
| 泄漏量 (cm <sup>3</sup> /min) Leak Out Flow     | 30            | 50    | 50    | 120    | 120    | 250    | 250    | 500    | 500    | 500    |
| 响应时间(Sec) Respond Time                       | 0.03          |       |       |        |        |        |        |        |        |        |
| 寿命 (万次) Life (Ten thousand Times)            | ≥150          |       |       |        |        |        |        |        |        |        |

### 外形尺寸 Overall Dimension



### 尺寸表 Dimension Sheet

| 型号 Model | 公称口径 Joint Pipe Code | D               | D1  | D2   | S  | L   | a  | a1 | h                                 |
|----------|----------------------|-----------------|-----|------|----|-----|----|----|-----------------------------------|
| KA-L3    | 3                    | M6×1            | φ9  | φ15  | 12 | 36  | 6  | 5  | 1.4 <sup>0</sup> <sub>-0.1</sub>  |
| KA-L6    | 6                    | G1/8<br>M10×1   | φ13 | φ28  | 24 | 64  | 10 | 6  | 1.4 <sup>0</sup> <sub>-0.1</sub>  |
| KA-L8    | 8                    | G1/4<br>M12×1.5 | φ16 | φ28  | 24 | 64  | 12 | 6  | 1.4 <sup>0</sup> <sub>-0.1</sub>  |
| KA-L10   | 10                   | G3/8<br>M16×1.5 | φ20 | φ40  | 36 | 86  | 14 | 10 | 1.8 <sup>0</sup> <sub>-0.1</sub>  |
| KA-L15   | 15                   | G1/2<br>M20×1.5 | φ26 | φ40  | 36 | 86  | 14 | 10 | 1.8 <sup>0</sup> <sub>-0.1</sub>  |
| KA-L20   | 20                   | G3/4<br>M27×2   | φ32 | φ55  | 46 | 112 | 21 | 12 | 1.8 <sup>0</sup> <sub>-0.1</sub>  |
| KA-L25   | 25                   | G1<br>M33×2     | φ40 | φ55  | 46 | 112 | 23 | 12 | 2.7 <sup>0</sup> <sub>-0.12</sub> |
| KA-L32   | 32                   | G1 1/4<br>M42×2 | φ48 | φ88  | 75 | 161 | 25 | 22 | 2.7 <sup>0</sup> <sub>-0.12</sub> |
| KA-L40   | 40                   | G1 1/2<br>M48×2 | φ54 | φ88  | 75 | 161 | 26 | 26 | 2.7 <sup>0</sup> <sub>-0.12</sub> |
| KA-L50   | 50                   | G2<br>M60×2     | φ70 | φ100 | 90 | 95  | 26 | 26 | 4.5 <sup>0</sup> <sub>-0.18</sub> |

## KAM系列单向阀 KAM Series Check Valve



### 订购码 Ordering Code

**KAM**

**15**

系列代号

Series Code

KAM系列单向阀

KAM Series Check Valve

接管口径 / Joint Pipe Bore

03: M5

06: G1/8"

08: G1/4"

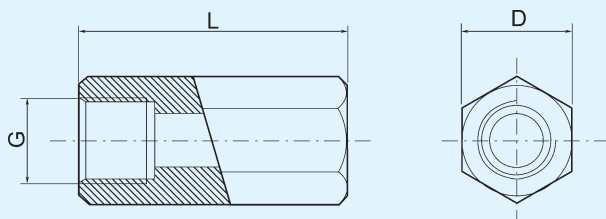
10: G3/8"

15: G1/2"

### 规格 Specification

| 型号                         | Model               | KAM-03              | KAM-06 | KAM-08 | KAM-10 | KAM-15 |
|----------------------------|---------------------|---------------------|--------|--------|--------|--------|
| 接口螺纹                       | Joint Threaded      | M5                  | G1/8   | G1/4   | G3/8   | G1/2   |
| 流量 mm <sup>3</sup> /S      | Flow                | 4                   | 10     | 20     | 40     | 60     |
| 泄漏量 (cm <sup>3</sup> /min) | Leak Out Flow       | ≤30                 | ≤45    | ≤60    | ≤80    | ≤95    |
| 使用介质                       | Operation Medium    | 压缩空气 / Compress Air |        |        |        |        |
| 工作温度                       | Working Temperature | -5 ~ 60℃            |        |        |        |        |
| 工作压力                       | Working Pressure    | 0.05 ~ 1.2MPa       |        |        |        |        |

### 外形尺寸 Overall Dimension



### 尺寸表 Dimension Sheet

| 型号<br>Model | G     | L  | D  |
|-------------|-------|----|----|
| KAM-03      | M5    | 21 | 10 |
| KAM-06      | G1/8" | 37 | 14 |
| KAM-08      | G1/4" | 48 | 17 |
| KAM-10      | G3/8" | 50 | 21 |
| KAM-15      | G1/2" | 60 | 24 |

## ST系列梭阀 ST Series Shuttle Valve



### 订购码 Ordering Code

**ST**

-

**01**

系列代码

ST: 梭阀

Series Code

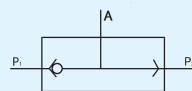
ST: Shuttle Valve

接管口径 / Joint Pipe Bore

01: G1/8" 02: G1/4" 03: G3/8"

04: G1/2" 06: G3/4" 08: G1"

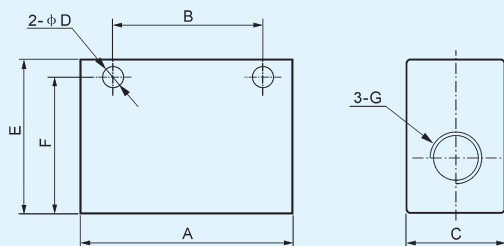
### 图形符号 Graphic Symbol



### 规格 Specification

| 型 号 Model                         | ST-01              | ST-02             | ST-03             | ST-04             | ST-06              | ST-08              |
|-----------------------------------|--------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 工作介质<br>Working Medium            | 空气 / Air           |                   |                   |                   |                    |                    |
| 有效截面积<br>Effective Sectional Area | 7.5mm <sup>2</sup> | 21mm <sup>2</sup> | 40mm <sup>2</sup> | 60mm <sup>2</sup> | 110mm <sup>2</sup> | 190mm <sup>2</sup> |
| 接管口径<br>Joint Pipe Bore           | G1/8"              | G1/4"             | G3/8"             | G1/2"             | G3/4"              | G1"                |
| 使用压力范围<br>Working-pressure Range  | 0~1.0MPa           |                   |                   |                   |                    |                    |
| 使用温度范围<br>Operating Temperature   | 0~60℃              |                   |                   |                   |                    |                    |

### 外形尺寸 Overall Dimension



### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | A   | B  | C  | D   | E  | F    | G     |
|---------------------------|-----|----|----|-----|----|------|-------|
| ST-01                     | 40  | 24 | 16 | 4.5 | 25 | 20.5 | G1/8" |
| ST-02                     | 50  | 35 | 22 | 5.5 | 35 | 25   | G1/4" |
| ST-03                     | 75  | 48 | 30 | 7   | 50 | 42   | G3/8" |
| ST-04                     | 75  | 48 | 30 | 7   | 50 | 42   | G1/2" |
| ST-06                     | 110 | 72 | 40 | 7   | 70 | 58   | G3/4" |
| ST-08                     | 110 | 72 | 40 | 7   | 70 | 58   | G1"   |

## QE系列快速排气阀 QE Series Quick Exhaust Valve



### 订购码 Ordering Code

**QE**

系列代号

QE: 快速排气阀

Series Code

QE: Quick Exhaust Valve

**01**

接管口径

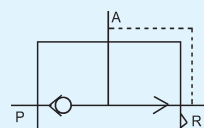
Joint Pipe Bore

01: G1/8" 02: G1/4"

03: G3/8" 04: G1/2"

06: G3/4"

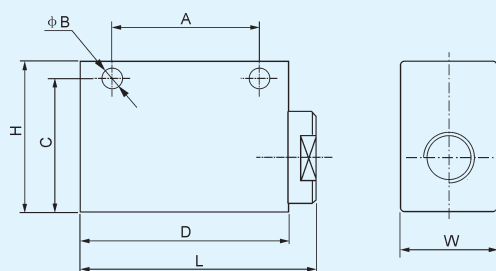
### 图形符号 Graphic Symbol



### 规格 Specification

| 型 号    | Model                       | QE-01              | QE-02                | QE-03              | QE-04              | QE-06                |
|--------|-----------------------------|--------------------|----------------------|--------------------|--------------------|----------------------|
| 接管口径   | Joint Pipe Bore             | G1/8"              | G1/4"                | G3/8"              | G1/2"              | G3/4"                |
| 有效截面积  | Effective Section Area      | 16 mm <sup>2</sup> | 27.5 mm <sup>2</sup> | 28 mm <sup>2</sup> | 71 mm <sup>2</sup> | 72.5 mm <sup>2</sup> |
| 工作介质   | Working Medium              | 空气 / Air           |                      |                    |                    |                      |
| 使用压力范围 | Working-pressure Range      | 0~1.0MPa           |                      |                    |                    |                      |
| 使用温度范围 | Operating Temperature Range | 0~60℃              |                      |                    |                    |                      |

### 外形尺寸 Overall Dimension



### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | 口径<br>Bore | L  | W  | H  | A  | B   | C    | D  |
|---------------------------|------------|----|----|----|----|-----|------|----|
| QE-01                     | G1/8"      | 46 | 20 | 32 | 30 | 4.3 | 27   | 40 |
| QE-02                     | G1/4"      | 62 | 25 | 40 | 39 | 5.6 | 33.5 | 55 |
| QE-03                     | G3/8"      | 62 | 25 | 40 | 39 | 5.6 | 33.5 | 55 |
| QE-04                     | G1/2"      | 98 | 38 | 64 | 60 | 8.5 | 51   | 90 |
| QE-06                     | G3/4"      | 98 | 38 | 64 | 60 | 8.5 | 51   | 90 |



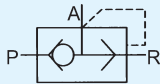
XQ系列快速排气阀

XQ Series Quick Exhaust Valve



图形符号

Graphic Symbol



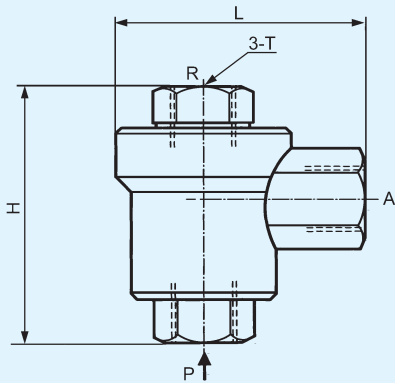
规格

Specification

| 型 号    | Model                         | XQ170600                | XQ171000                | XQ171500                |
|--------|-------------------------------|-------------------------|-------------------------|-------------------------|
| 接管螺纹   | Joint Threaded                | G1/4"                   | G3/8"                   | G1/2"                   |
| 通径     | Joint Pipe Bore               | 6mm                     | 8mm                     | 15mm                    |
| 流量     | Flow                          | ≥0.9m <sup>3</sup> /min | ≥2.5m <sup>3</sup> /min | ≥4.5m <sup>3</sup> /min |
| 耐久(万次) | Timerate (Ten Thousand Times) | ≥200                    |                         |                         |
| 工作压力范围 | Working Pressure Range        | 0.12 ~ 1.0MPa           |                         |                         |
| 换向时间   | Exchange Times (S)            | ≤0.03                   | ≤0.04                   | ≤0.05                   |

外形尺寸

Overall Dimension

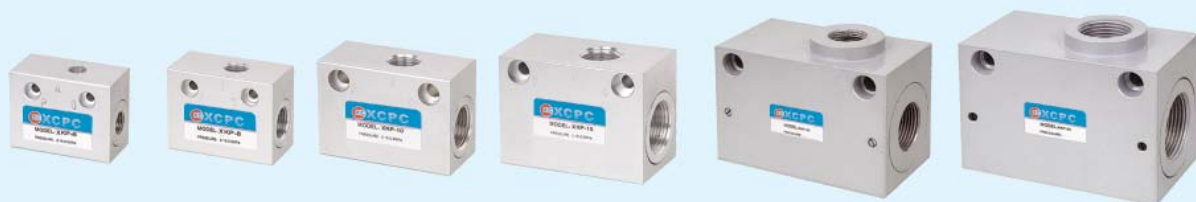


尺寸表

Dimension Sheet

| 型号       | T     | H  | L  |
|----------|-------|----|----|
| Model    |       |    |    |
| XQ170600 | G1/4" | 51 | 45 |
| XQ171000 | G3/8" | 68 | 62 |
| XQ171500 | G1/2" | 77 | 86 |

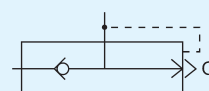
## XKP系列快速排气阀 XKP Series Quick Exhaust Valve



### 订购码 Ordering Code

|  |   |                           |
|--|---|---------------------------|
| <b>XKP</b>                                   | - | <b>L15</b>                |
| 系列代号<br>Series Code                          |   | 接管口径 / Joint Pipe Bore    |
| XKP系列快速排气阀<br>XKP Series Quick Exhaust Valve |   | L6: G1/8" L8: G1/4"       |
|  |   | L10: G3/8" L15: G1/2"     |
|  |   | L20: G3/4" L25: G1"       |
|  |   | L32: G1 1/4" L40: G1 1/2" |
|  |   | L50: G2"                  |

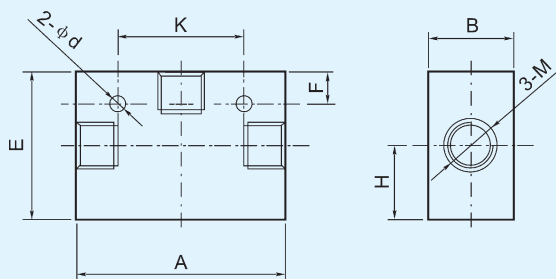
### 图形符号 Graphic Symbol



### 规格 Specification

| 型 号    Model                     |                              | XKP-L6 | XKP-L8 | XKP-L10 | XKP-L15 | XKP-L20 | XKP-L25 | XKP-L32 | XKP-L40 | XKP-L50 |
|----------------------------------|------------------------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 截面积    Section Area              | P→A                          | 10     | 20     | 40      | 60      | 110     | 190     | 300     | 400     | 650     |
|                                  | A→□                          | 20     | 40     | 60      | 110     | 190     | 300     | 400     | 650     | 900     |
| 泄 漏 量 (cm³/min)    Leak Out Flow |                              | ≤10    |        | ≤25     |         | ≤50     |         | ≤70     |         |         |
| 使用介质    Working Medium           | 压 缩 空 气    /    Compress Air |        |        |         |         |         |         |         |         |         |
| 工作温度    Operating Temperature    | -5 ~ 60℃                     |        |        |         |         |         |         |         |         |         |
| 工作压力    Working-pressure         | 0.05 ~ 1.2MPa                |        |        |         |         |         |         |         |         |         |

### 外形尺寸 Overall Dimension



### 尺寸表 Dimension Sheet

| 型号 / 符号<br>Model / Symbol | M      | A   | K   | B   | E   | H  | F  | d  |
|---------------------------|--------|-----|-----|-----|-----|----|----|----|
| XKP-L6                    | G1/8   | 75  | -   | 36  | 41  | 10 | -  | -  |
| XKP-L8                    | G1/4   |     |     |     |     |    |    |    |
| XKP-L10                   | G3/8   | 82  | 58  | 44  | 60  | 23 | 8  | 7  |
| XKP-L15                   | G1/2   |     |     |     |     |    |    |    |
| XKP-L20                   | G3/4   | 128 | 98  | 72  | 95  | 36 | 8  | 10 |
| XKP-L25                   | G1     |     |     |     |     |    |    |    |
| XKP-L32                   | G1 1/4 | 158 | 126 | 88  | 112 | 44 | 10 | 10 |
| XKP-L40                   | G1 1/2 |     |     |     |     |    |    |    |
| XKP-L50                   | G2     | 190 | 148 | 102 | 130 | 52 | 10 | 12 |

## 气动辅件 Pneumatic Accessory

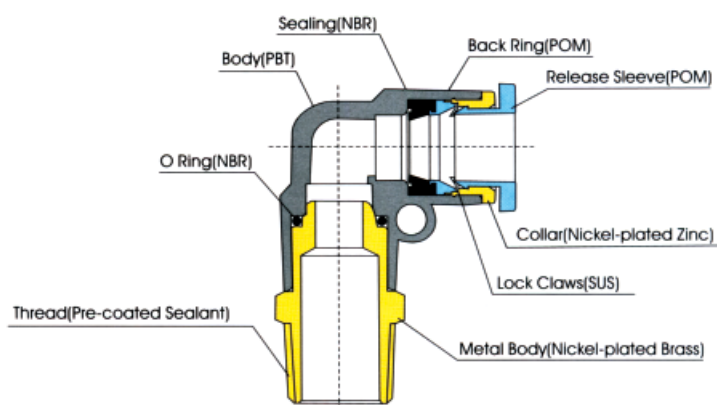
### ONE-TOUCH TUBE FITTINGS

#### 特点 Features

One-touch tube fittings are used in pneumatic piping. The tube fittings come in a wide variety of models to meet all your needs in pneumatic piping. Even after installation, the direction of the tube can be changed freely. Nickel-plated metal body ensures anti-corrosion and anti-contamination. All R and NPT threads are pre-coated sealant.

快速管接头应用在气动管路中, 型式多样, 可满足各种气动布管之需要, 即使安装后管件也可以任意转向, 金属本体镀镍, 确保耐污及耐腐蚀。

#### 解释 Construction



#### 规格 Specifications

|        |                        |  |                                     |
|--------|------------------------|--|-------------------------------------|
| 使用流量   | Fluid Type             | Air空气 (No other type of gas or liquid) |                                     |
| 使用压力范围 | Working Pressure Range | 0~150PSI                               | 0~9.9KgF/cm <sup>2</sup> (0~990KPa) |
| 负压     | Negative Pressure      | -29.5in Hg                             | -750mm Hg(10Torr)                   |
| 工作温度   | Working Temperature    | 32~140°F                               | 0-60 °C                             |

#### 型号名称 Mode Designation



(1)型号 Model Type

(2)管外径 Tube Outer Dia

(3)螺纹尺寸 Thread Size

|            | 公制 Metric Tube |    |    |     |     |     |
|------------|----------------|----|----|-----|-----|-----|
| Code编码     | 04             | 06 | 08 | 10  | 12  | 16  |
| Size尺寸(mm) | φ4             | φ6 | φ8 | φ10 | φ12 | φ16 |

|        | 公制螺纹<br>Metric Thread |        | 锥管螺纹 Taper Pipe Thread |      |      |      |
|--------|-----------------------|--------|------------------------|------|------|------|
| Code编码 | M5                    | M6     | 01                     | 02   | 03   | 04   |
| Size尺寸 | M5X0.8                | M6X1.0 | R1/8                   | R1/4 | R3/8 | R1/2 |

|            | 英制 Inch Tube |       |      |       |      |      |
|------------|--------------|-------|------|-------|------|------|
| Code编码     | 5/32         | 3/16  | 1/4  | 5/16  | 3/8  | 1/2  |
| Size尺寸(in) | φ5/32        | φ3/16 | φ1/4 | φ5/16 | φ3/8 | φ1/2 |

|            | 统一细牙螺纹<br>UNF Thread | 美制锥管螺纹<br>American Standard Taper Pipe Thread |        |        |        |
|------------|----------------------|---|--------|--------|--------|
| Code编码     | U                    | N1  | N2     | N3     | N4     |
| Size尺寸(mm) | 10-32UNF             | NPT1/8  | NPT1/4 | NPT3/8 | NPT1/2 |

When(2)is thread size,choose thread size form(3).

When(3)is tube diameter, choose tube diameter form(2).

(4)本体颜色 Body Color code

NO Code: 无代号:黑色Black Color  
C:(灰色) Gery Color

# 气动辅件 Pneumatic Accessory

| XPC  |                         | MODEL(Φ-T)  |            |                        |             |                        |              |            |
|--|-------------------------|-------------|------------|------------------------|-------------|------------------------|--------------|------------|
| <br>T<br>φD   | Tube(Metric)-Thread(R)  |             |            | Tube(Inch)-Thread(R)   |             | Tube(Inch)-Thread(NPT) |              |            |
|  | XPC 04-M5               | XPC 06-04   | XPC 12-02  | XPC 1/4-01             | XPC 3/8-04  | XPC 5/32-U             | XPC 1/4-N2   | XPC 1/2-N2 |
|  | XPC 04-M6               | XPC 08-01   | XPC 12-03  | XPC 1/4-02             | XPC 1/2-02  | XPC 5/32-N1            | XPC 1/4-N3   | XPC 1/2-N3 |
|  | XPC 04-01               | XPC 08-02   | XPC 12-04  | XPC 1/4-03             | XPC 1/2-03  | XPC 5/32-N2            | XPC 5/16-N1  | XPC 1/2-N4 |
|  | XPC 04-02               | XPC 08-03   | XPC 14-03  | XPC 5/16-01            | XPC 1/2-04  | XPC 3/16-U             | XPC 5/16-N2  |            |
|  | XPC 06-M5               | XPC 08-04   | XPC 14-04  | XPC 5/16-02            |             | XPC 3/16-N1            | XPC 5/16-N3  |            |
|  | XPC 06-M6               | XPC 10-01   | XPC 16-03  | XPC 5/16-03            |             | XPC 3/16-N2            | XPC 3/8-N1   |            |
|  | XPC 06-01               | XPC 10-02   | XPC 16-04  | XPC 3/8-01             |             | XPC 3/16-N3            | XPC 3/8-N2   |            |
|  | XPC 06-02               | XPC 10-03   |            | XPC 3/8-02             |             | XPC 1/4-U              | XPC 3/8-N3   |            |
|  | XPC 06-03               | XPC 10-04   |            | XPC 3/8-03             |             | XPC 1/4-N1             | XPC 3/8-N4   |            |
| XPOC   |                         | MODEL(ΦD-T) |            |                        |             |                        |              |            |
| <br>φD<br>T  | Tube(Metric)-Thread(R)  |             |            | Tube(Inch)-Thread(R)   |             | Tube(Inch)-Thread(NPT) |              |            |
|  | XPOC 04-M5              | XPOC 08-01  | XPOC 12-03 | XPOC 1/4-01            |             | XPOC 5/32-U            | XPOC 3/8-N3  |            |
|  | XPOC 04-M6              | XPOC 08-02  | XPOC 12-04 | XPOC 1/4-02            |             | XPOC 5/32-N1           | XPOC 3/8-N4  |            |
|  | XPOC 04-01              | XPOC 08-03  | XPOC 14-03 | XPOC 5/16-01           |             | XPOC 1/4-U             | XPOC 1/2-N2  |            |
|  | XPOC 04-02              | XPOC 08-04  | XPOC 14-04 | XPOC 5/16-02           |             | XPOC 1/4-U1            | XPOC 1/2-N3  |            |
|  | XPOC 06-M5              | XPOC 10-01  | XPOC 16-03 | XPOC 5/16-03           |             | XPOC 1/4-U2            | XPOC 1/2-N4  |            |
|  | XPOC 06-M6              | XPOC 10-02  | XPOC 16-04 | XPOC 3/8-02            |             | XPOC 5/16-N1           |              |            |
|  | XPOC 06-01              | XPOC 10-03  |            | XPOC 3/8-03            |             | XPOC 5/16-N2           |              |            |
|  | XPOC 06-02              | XPOC 10-04  |            | XPOC 3/8-04            |             | XPOC 5/16-N3           |              |            |
|  | XPOC 06-03              | XPOC 12-02  |            |                        |             | XPOC 3/8-N2            |              |            |
| XPL  |                         | MODEL(ΦD-T) |            |                        |             |                        |              |            |
| <br>T<br>φD | Tube(Metric)-Thread(R)  |             |            | Tube(Inch)-Thread(R)   |             | Tube(Inch)-Thread(NPT) |              |            |
|  | XPL 04-M5               | XPL 06-04   | XPL 12-02  | XPL 1/4-01             | XPL 3/8-04  | XPL 5/32-U             | XPL 1/4-N2   | XPL 1/2-N2 |
|  | XPL 04-M6               | XPL 08-01   | XPL 12-03  | XPL 1/4-02             | XPL 1/2-02  | XPL 5/32-N1            | XPL 1/4-N3   | XPL 1/2-N3 |
|  | XPL 04-01               | XPL 08-02   | XPL 12-04  | XPL 1/4-03             | XPL 1/2-03  | XPL 5/32-N2            | XPL 5/16-N1  | XPL 1/2-N4 |
|  | XPL 04-02               | XPL 08-03   | XPL 14-03  | XPL 5/16-01            | XPL 1/2-04  | XPL 3/16-U             | XPL 5/16-N2  |            |
|  | XPL 06-M5               | XPL 08-04   | XPL 14-04  | XPL 5/16-02            |             | XPL 3/16-N1            | XPL 5/16-N3  |            |
|  | XPL 06-M6               | XPL 10-01   | XPL 16-03  | XPL 5/16-03            |             | XPL 3/16-N2            | XPL 3/8-N1   |            |
|  | XPL 06-01               | XPL 10-02   | XPL 16-04  | XPL 3/8-01             |             | XPL 3/16-N3            | XPL 3/8-N2   |            |
|  | XPL 06-02               | XPL 10-03   |            | XPL 3/8-02             |             | XPL 1/4-U              | XPL 3/8-N3   |            |
|  | XPL 06-03               | XPL 10-04   |            | XPL 3/8-03             |             | XPL 1/4-N1             | XPL 3/8-N4   |            |
| XPLL   |                         | MODEL(ΦD-T) |            |                        |             |                        |              |            |
| <br>T<br>φD | Tube(Metric)-Thread(R)  |             |            | Tube(Inch)-Thread(R)   |             | Tube(Inch)-Thread(NPT) |              |            |
|  | XPLL 04-M5              | XPLL 06-04  | XPLL 12-02 | XPLL 1/4-01            |             | XPLL 5/32-U            | XPLL 5/16-N2 |            |
|  | XPLL 04-M6              | XPLL 08-01  | XPLL 12-03 | XPLL 1/4-02            |             | XPLL 5/32-N1           | XPLL 5/16-N3 |            |
|  | XPLL 04-01              | XPLL 08-02  | XPLL 12-04 | XPLL 5/16-02           |             | XPLL 3/16-N1           | XPLL 3/8-N2  |            |
|  | XPLL 04-02              | XPLL 08-03  | XPLL 14-03 | XPLL 3/8-02            |             | XPLL 3/16-N2           | XPLL 3/8-N3  |            |
|  | XPLL 06-M5              | XPLL 08-04  | XPLL 14-04 | XPLL 3/8-03            |             | XPLL 3/16-N3           | XPLL 3/8-N4  |            |
|  | XPLL 06-M6              | XPLL 10-01  | XPLL 16-03 |                        |             | XPLL 1/4-N1            | XPLL 1/2-N2  |            |
|  | XPLL 06-01              | XPLL 10-02  | XPLL 16-04 |                        |             | XPLL 1/4-N2            | XPLL 1/2-N3  |            |
|  | XPLL 06-02              | XPLL 10-03  |            |                        |             | XPLL 1/4-N3            | XPLL 1/2-N4  |            |
|  | XPLL 06-03              | XPLL 10-04  |            |                        |             | XPLL 5/16-N1           |              |            |
| XPLF   |                         | MODEL(ΦD-T) |            |                        |             |                        |              |            |
| <br>T<br>φD | Tube(Metric)-Thread(RC) |             |            | Tube(Inch)-Thread(NPT) |             |                        |              |            |
|  | XPLF 04-M5              | XPLF 08-01  | XPLF 12-03 | XPLF 5/32-N1           | XPLF 3/8-N3 |                        |              |            |
|  | XPLF 04-M6              | XPLF 08-02  | XPLF 12-04 | XPLF 3/16-N1           | XPLF 1/2-N3 |                        |              |            |
|  | XPLF 04-01              | XPLF 08-03  | XPLF 14-03 | XPLF 3/16-N2           | XPLF 1/2-N4 |                        |              |            |
|  | XPLF 04-02              | XPLF 08-04  | XPLF 14-04 | XPLF 1/4-N1            |             |                        |              |            |
|  | XPLF 06-M5              | XPLF 10-01  | XPLF 16-03 | XPLF 1/4-N2            |             |                        |              |            |
|  | XPLF 06-M6              | XPLF 10-02  | XPLF 16-04 | XPLF 5/16-N1           |             |                        |              |            |
|  | XPLF 06-01              | XPLF 10-03  |            | XPLF 5/16-N2           |             |                        |              |            |
|  | XPLF 06-02              | XPLF 10-04  |            | XPLF 5/16-N3           |             |                        |              |            |
|  | XPLF 06-03              | XPLF 12-02  |            | XPLF 3/8-N2            |             |                        |              |            |



# 气动辅件 Pneumatic Accessory

| XPCF  |                         | MODEL(ΦD-T) |  |                      |  |                        |             |  |
|---|-------------------------|-------------|--|----------------------|--|------------------------|-------------|--|
|  | Tube(Metric)-Thread(RC) |             |  | Tube(Inch)-Thread(R) |  | Tube(Inch)-Thread(NPT) |             |  |
|   | XPCF 04-01              | XPCF 10-01  |  | XPCF 1/4-01          |  | XPCF 5/32-N1           | XPCF 3/8-N2 |  |
|   | XPCF 04-02              | XPCF 10-02  |  | XPCF 1/4-02          |  | XPCF 5/32-N2           | XPCF 3/8-N3 |  |
|   | XPCF 06-01              | XPCF 10-03  |  | XPCF 5/16-01         |  | XPCF 3/16-N1           | XPCF 1/2-N2 |  |
|   | XPCF 06-02              | XPCF 10-04  |  | XPCF 5/16-02         |  | XPCF 3/16-N2           | XPCF 1/2-N3 |  |
|   | XPCF 06-03              | XPCF 12-02  |  | XPCF 3/8-02          |  | XPCF 1/4-N1            |             |  |
|   | XPCF 08-01              | XPCF 12-03  |  | XPCF 3/8-03          |  | XPCF 1/4-N2            |             |  |
|   | XPCF 08-02              | XPCF 12-04  |  |                      |  | XPCF 5/16-N1           |             |  |
|   | XPCF 08-03              | XPCF 16-03  |  |                      |  | XPCF 5/16-N2           |             |  |
|   | XPCF 08-04              | XPCF 16-04  |  |                      |  | XPCF 5/16-N3           |             |  |

| XPB  |                        | MODEL(ΦD-T) |           |                      |            |                        |             |            |
|--|------------------------|-------------|-----------|----------------------|------------|------------------------|-------------|------------|
|  | Tube(Metric)-Thread(R) |             |           | Tube(Inch)-Thread(R) |            | Tube(Inch)-Thread(NPT) |             |            |
|  | XPB 04-M5              | XPB 06-04   | XPB 12-02 | XPB 1/4-01           | XPB 3/8-04 | XPB 5/32-U             | XPB 1/4-N2  | XPB 1/2-N2 |
|  | XPB 04-M6              | XPB 08-01   | XPB 12-03 | XPB 1/4-02           | XPB 1/2-02 | XPB 5/32-N1            | XPB 1/4-N3  | XPB 1/2-N3 |
|  | XPB 04-01              | XPB 08-02   | XPB 12-04 | XPB 1/4-03           | XPB 1/2-03 | XPB 5/32-N2            | XPB 5/16-N1 | XPB 1/2-N4 |
|  | XPB 04-02              | XPB 08-03   | XPB 14-03 | XPB 5/16-01          | XPB 1/2-04 | XPB 3/16-U             | XPB 5/16-N2 |            |
|  | XPB 06-M5              | XPB 08-04   | XPB 14-04 | XPB 5/16-02          |            | XPB 3/16-N1            | XPB 5/16-N3 |            |
|  | XPB 06-M6              | XPB 10-01   | XPB 16-03 | XPB 5/16-03          |            | XPB 3/16-N2            | XPB 3/8-N1  |            |
|  | XPB 06-01              | XPB 10-02   | XPB 16-04 | XPB 3/8-01           |            | XPB 3/16-N3            | XPB 3/8-N2  |            |
|  | XPB 06-02              | XPB 10-03   |           | XPB 3/8-02           |            | XPB 1/4-U              | XPB 3/8-N3  |            |
|  | XPB 06-03              | XPB 10-04   |           | XPB 3/8-03           |            | XPB 1/4-N1             | XPB 3/8-N4  |            |







| XPD   |                        | MODEL(ΦD-T) |           |                      |            |                        |             |            |
|---|------------------------|-------------|-----------|----------------------|------------|------------------------|-------------|------------|
|  | Tube(Metric)-Thread(R) |             |           | Tube(Inch)-Thread(R) |            | Tube(Inch)-Thread(NPT) |             |            |
|   | XPD 04-M5              | XPD 06-04   | XPD 12-02 | XPD 1/4-01           | XPD 3/8-04 | XPD 5/32-U             | XPD 1/4-N2  | XPD 1/2-N2 |
|   | XPD 04-M6              | XPD 08-01   | XPD 12-03 | XPD 1/4-02           | XPD 1/2-02 | XPD 5/32-N1            | XPD 1/4-N3  | XPD 1/2-N3 |
|   | XPD 04-01              | XPD 08-02   | XPD 12-04 | XPD 1/4-03           | XPD 1/2-03 | XPD 5/32-N2            | XPD 5/16-N1 | XPD 1/2-N4 |
|   | XPD 04-02              | XPD 08-03   | XPD 14-03 | XPD 5/16-01          | XPD 1/2-04 | XPD 3/16-U             | XPD 5/16-N2 |            |
|   | XPD 06-M5              | XPD 08-04   | XPD 14-04 | XPD 5/16-02          |            | XPD 3/16-N1            | XPD 5/16-N3 |            |
|   | XPD 06-M6              | XPD 10-01   | XPD 16-03 | XPD 5/16-03          |            | XPD 3/16-N2            | XPD 3/8-N1  |            |
|   | XPD 06-01              | XPD 10-02   | XPD 16-04 | XPD 3/8-01           |            | XPD 3/16-N3            | XPD 3/8-N2  |            |
|   | XPD 06-02              | XPD 10-03   |           | XPD 3/8-02           |            | XPD 1/4-U              | XPD 3/8-N3  |            |
|   | XPD 06-03              | XPD 10-04   |           | XPD 3/8-03           |            | XPD 1/4-N1             | XPD 3/8-N4  |            |







| XPX   |                        | MODEL(ΦD-T) |           |                      |            |                        |             |            |
|---|------------------------|-------------|-----------|----------------------|------------|------------------------|-------------|------------|
|  | Tube(Metric)-Thread(R) |             |           | Tube(Inch)-Thread(R) |            | Tube(Inch)-Thread(NPT) |             |            |
|   | XPX 04-M5              | XPX 06-04   | XPX 12-02 | XPX 1/4-01           | XPX 3/8-04 | XPX 5/32-U             | XPX 1/4-N2  | XPX 1/2-N2 |
|   | XPX 04-M6              | XPX 08-01   | XPX 12-03 | XPX 1/4-02           | XPX 1/2-02 | XPX 5/32-N1            | XPX 1/4-N3  | XPX 1/2-N3 |
|   | XPX 04-01              | XPX 08-02   | XPX 12-04 | XPX 1/4-03           | XPX 1/2-03 | XPX 5/32-N2            | XPX 5/16-N1 | XPX 1/2-N4 |
|   | XPX 04-02              | XPX 08-03   |           | XPX 5/16-01          | XPX 1/2-04 | XPX 3/16-U             | XPX 5/16-N2 |            |
|   | XPX 06-M5              | XPX 08-03   |           | XPX 5/16-02          |            | XPX 3/16-N1            | XPX 5/16-N3 |            |
|   | XPX 06-M6              | XPX 08-04   |           | XPX 5/16-03          |            | XPX 3/16-N2            | XPX 3/8-N1  |            |
|   | XPX 06-01              | XPX 10-01   |           | XPX 3/8-01           |            | XPX 3/16-N3            | XPX 3/8-N2  |            |
|   | XPX 06-02              | XPX 10-03   |           | XPX 3/8-02           |            | XPX 1/4-U              | XPX 3/8-N3  |            |
|   | XPX 06-03              | XPX 10-04   |           | XPX 3/8-03           |            | XPX 1/4-N1             | XPX 3/8-N4  |            |





| XPKB  |            | MODEL(ΦD-T) |  | XPKD   |  | MODEL(ΦD-T) |  |
|---|------------|-------------|--|--|--|-------------|--|
|  |            | XPKB 04-01  |  |  |  |             |  |
|   |            | XPKB 04-02  |  |  |  |             |  |
|   |            | XPKB 06-01  |  |  |  |             |  |
|   |            | XPKB 06-02  |  |  |  |             |  |
|   |            | XPKB 06-03  |  |  |  |             |  |
|   |            | XPKB 08-01  |  |  |  |             |  |
|   |            | XPKB 08-02  |  |  |  |             |  |
|   | XPKB 08-03 |             |  |  |  |             |  |
|   |            |             |  |  |  |             |  |











# 气动辅件 Pneumatic Accessory

| XPH | MODEL(ΦD-T)   |   |   |   |   |   |
|-----|---|---|---|---|---|---|
|     | Tube(Metric)-Thread(R)  |   |   | Tube(Inch)-Thread(R)  | Tube(Inch)-Thread(NPT)  |   |
|     |  |  |  |  |  |  |
|     | XPH 04-M6   | XPH 08-02   |   | XPH 1/4-01  | XPH 5/32-N1   | XPH 3/8-N2  |
|     | XPH 04-01   | XPH 08-03   |   | XPH 1/4-02  | XPH 3/16-U  | XPH 3/8-N3  |
|     | XPH 04-02   | XPH 08-04   |   | XPH 5/16-01   | XPH 3/16-N1   | XPH 1/2-N3  |
|     | XPH 06-M5   | XPH 10-02   |   | XPH 5/16-02   | XPH 3/16-N2   | XPH 1/2-N4  |
|     | XPH 06-M6   | XPH 10-03   |   | XPH 5/16-03   | XPH 1/4-N1  |   |
|     | XPH 06-01   | XPH 10-04   |   | XPH 3/8-02  | XPH 1/4-N2  |   |
|     | XPH 06-02   | XPH 12-02   |   | XPH 3/8-03  | XPH 5/16-N1   |   |
|     | XPH 06-03   | XPH 12-03   |   |   | XPH 5/16-N1   |   |



| XPHF | MODEL(ΦD-T)   |   |   |   |   |   |
|------|---|---|---|---|---|---|
|      | Tube(Metric)-Thread(R)  |   |   | Tube(Inch)-Thread(R)  | Tube(Inch)-Thread(NPT)  |   |
|      |  |  |  |  |  |  |
|      | XPHF 04-M6  | XPHF 08-02  |   | XPHF 1/4-01   | XPHF 5/32-N1  | XPHF 3/8-N2   |
|      | XPHF 04-01  | XPHF 08-03  |   | XPHF 1/4-02   | XPHF 3/16-U   | XPHF 3/8-N3   |
|      | XPHF 04-02  | XPHF 08-04  |   | XPHF 5/16-01  | XPHF 3/16-N1  | XPHF 1/2-N3   |
|      | XPHF 06-M5  | XPHF 10-02  |   | XPHF 5/16-02  | XPHF 3/16-N2  | XPHF 1/2-N4   |
|      | XPHF 06-M6  | XPHF 10-03  |   | XPHF 5/16-03  | XPHF 1/4-N1   |   |
|      | XPHF 06-01  | XPHF 10-04  |   | XPHF 3/8-02   | XPHF 1/4-N2   |   |
|      | XPHF 06-02  | XPHF 12-02  |   | XPHF 3/8-03   | XPHF 5/16-N1  |   |
|      | XPHF 06-03  | XPHF 12-03  |   |   | XPHF 5/16-N1  |   |



| XPMF | MODEL(ΦD-T)   |   |  |   |   |  |
|------|---|---|--|---|---|--|
|      | Tube(Metric)-Thread(RC)   |   |  | Tube(Inch)-Thread(NPT)  |   |  |
|      |  |  |  |  |  |  |
|      | XPMF 04-02  | XPMF 10-02  |  | XPMF 3/16-N1  | XPMF 1/2-N3   |  |
|      | XPMF 06-01  | XPMF 10-03  |  | XPMF 3/16-N2  | XPMF 1/2-N4   |  |
|      | XPMF 06-02  | XPMF 10-04  |  | XPMF 1/4-N1   |   |  |
|      | XPMF 06-03  | XPMF 12-02  |  | XPMF 1/4-N2   |   |  |
|      | XPMF 08-01  | XPMF 12-03  |  | XPMF 5/16-N1  |   |  |
|      | XPMF 08-02  | XPMF 12-04  |  | XPMF 5/16-N2  |   |  |
|      | XPMF 08-03  | XPMF 14-04  |  | XPMF 5/16-N3  |   |  |
|      | XPMF 08-04  | XPMF 16-04  |  | XPMF 3/8-N2   |   |  |


| XPU | MODEL(ΦD)   |   | XPV | MODEL(ΦD)   |   |
|-----|---|---|-----|---|---|
|     | Tube(Metric)  | Tube(Inch)  |     | Tube(Metric)  | Tube(Inch)  |
|     |  |  |     |  |  |
|     | XPU 06  | XPU 3/16  |     | XPV 06  | XPV 3/16  |
|     | XPU 08  | XPU 1/4   |     | XPV 08  | XPV 1/4   |
|     | XPU 10  | XPU 5/16  |     | XPV 10  | XPV 5/16  |
|     | XPU 12  | XPU 3/8   |     | XPV 12  | XPV 3/8   |
|     | XPU 14  | XPU 1/2   |     | XPV 14  | XPV 1/2   |
|     | XPU 16  |   |     | XPV 16  |   |



| XPE | MODEL(ΦD)   |   | XPY | MODEL(ΦD)  |   |
|-----|---|---|-----|--|---|
|     | Tube(Metric)  | Tube(Inch)  |     | Tube(Metric)   | Tube(Inch)  |
|     |  |  |     |  |  |
|     | XPE 06  | XPE 3/16  |     | XPY 06   | XPY 3/16  |
|     | XPE 08  | XPE 1/4   |     | XPY 08   | XPY 1/4   |
|     | XPE 10  | XPE 5/16  |     | XPY 10   | XPY 5/16  |
|     | XPE 12  | XPE 3/8   |     | XPY 12   | XPY 3/8   |
|     | XPE 14  | XPE 1/2   |     |  | XPY 1/2   |
|     | XPE 16  |   |     |  |   |



# 气动辅件 Pneumatic Accessory

| XPG   |  | MODEL(ΦD1-ΦD2) |               | XPGE   |  | MODEL(ΦD1-ΦD2) |               |
|---|--|----------------|---------------|--|--|----------------|---------------|
| <div>Φ D1</div>  <div>Φ D2</div> |  | Tube(Metric)   | Tube(Inch)    |  <div>Φ D2</div> <div>Φ D1</div> |  | Tube(Metric)   | Tube(Inch)    |
|   |  | XPG 06-04      | XPG 3/16-5/32 |  |  | XPGE 06-04     | XPGE 1/4-5/32 |
|   |  | XPG 08-06      | XPG 1/4-5/32  |  |  | XPGE 08-06     | XPGE 5/16-1/4 |
|   |  | XPG 10-08      | XPG 1/4-3/16  |  |  | XPGE 10-08     | XPGE 3/8-5/16 |
|   |  | XPG 12-10      | XPG 5/16-1/4  |  |  | XPGE 12-10     | XPGE 1/2-3/8  |
|   |  | XPG 16-14      | XPG 3/8-5/16  |  |  | XPGE 16-12     |               |
|   |  | XPG 08-04      | XPG 1/2-3/8   |  |  |                |               |
|   |  | XPG 10-06      |               |  |  |                |               |
|   |  | XPG 10-08      |               |  |  |                |               |
|   |  | XPG 16-12      |               |  |  |                |               |

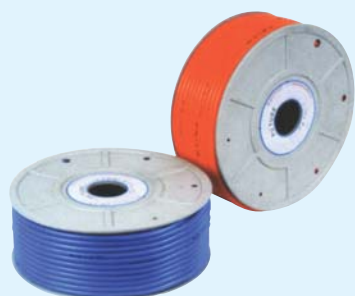
| XPEG   | MODEL(ΦD1-ΦD2)   | XPW           | MODEL(ΦD1-ΦD2) |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|--|--|---------------|----------------|------------|---------------|------------|---------------|------------|---------------|------------|--------------|------------|--|--|--|--|--|--|--|--|--|---|---|--------------|------------|-----------|---------------|-----------|--------------|-----------|--------------|-----------|--------------|--|--------------|--|-------------|--|--|--|--|--|--|
|  | <table><tr><th>Tube(Metric)</th><th>Tube(Inch)</th></tr><tr><td>XPEG 06-04</td><td>XPEG 1/4-5/32</td></tr><tr><td>XPEG 08-06</td><td>XPEG 5/16-1/4</td></tr><tr><td>XPEG 10-08</td><td>XPEG 3/8-5/16</td></tr><tr><td>XPEG 12-10</td><td>XPEG 1/2-3/8</td></tr><tr><td>XPEG 16-12</td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table> | Tube(Metric)  | Tube(Inch)     | XPEG 06-04 | XPEG 1/4-5/32 | XPEG 08-06 | XPEG 5/16-1/4 | XPEG 10-08 | XPEG 3/8-5/16 | XPEG 12-10 | XPEG 1/2-3/8 | XPEG 16-12 |  |  |  |  |  |  |  |  |  |  | <table><tr><th>Tube(Metric)</th><th>Tube(Inch)</th></tr><tr><td>XPW 06-04</td><td>XPW 3/16-5/32</td></tr><tr><td>XPW 08-06</td><td>XPW 1/4-5/32</td></tr><tr><td>XPW 10-08</td><td>XPW 1/4-3/16</td></tr><tr><td>XPW 12-10</td><td>XPW 5/16-1/4</td></tr><tr><td></td><td>XPW 3/8-5/16</td></tr><tr><td></td><td>XPW 1/2-3/8</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table> | Tube(Metric) | Tube(Inch) | XPW 06-04 | XPW 3/16-5/32 | XPW 08-06 | XPW 1/4-5/32 | XPW 10-08 | XPW 1/4-3/16 | XPW 12-10 | XPW 5/16-1/4 |  | XPW 3/8-5/16 |  | XPW 1/2-3/8 |  |  |  |  |  |  |
|  | Tube(Metric)   | Tube(Inch)    |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  | XPEG 06-04   | XPEG 1/4-5/32 |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  | XPEG 08-06   | XPEG 5/16-1/4 |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  | XPEG 10-08   | XPEG 3/8-5/16 |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  | XPEG 12-10   | XPEG 1/2-3/8  |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  | XPEG 16-12   |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  |  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  |  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  |  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  |  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
| Tube(Metric)   | Tube(Inch)   |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
| XPW 06-04  | XPW 3/16-5/32  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
| XPW 08-06  | XPW 1/4-5/32   |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
| XPW 10-08  | XPW 1/4-3/16   |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
| XPW 12-10  | XPW 5/16-1/4   |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  | XPW 3/8-5/16   |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  | XPW 1/2-3/8  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  |  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  |  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |
|  |  |               |                |            |               |            |               |            |               |            |              |            |  |  |  |  |  |  |  |  |  |   |   |              |            |           |               |           |              |           |              |           |              |  |              |  |             |  |  |  |  |  |  |

| XPGJ  | MODEL(ΦD1-ΦD2) |                         |                        |
|---|----------------|-------------------------|------------------------|
|  <p>Φ D1</p> <p>Φ D2</p> | Tube(Metric)   | Tube(Metric)-Tube(Inch) | Tube(Inch)-Thread(NPT) |
|   | XPGJ 06-04     | XPGJ 08-1/4             | XPGJ 1/4-5/32          |
|   | XPGJ 08-04     | XPGJ 10-1/4             | XPGJ 5/16-5/32         |
|   | XPGJ 08-06     | XPGJ 10-5/16            | XPGJ 5/16-1/4          |
|   | XPGJ 10-06     | XPGJ 12-1/4             | XPGJ 3/8-1/4           |
|   | XPGJ 10-08     | XPGJ 12-5/16            | XPGJ 3/8-5/16          |
|   | XPGJ 12-06     |                         | XPGJ 1/2-1/4           |
|   | XPGJ 12-08     |                         | XPGJ 1/2-5/16          |
|   | XPGJ 12-10     |                         | XPGJ 1/2-3/8           |
|   |                |                         |                        |

| XPLJ   | MODEL(ΦD)   | XPLGJ        | MODEL(ΦD)  |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|--|---|--------------|------------|---------|-----------|---------|-----------|---------|----------|---------|-----------|---------|----------|--|----------|--|--|--|--|--|--|--|---|--------------|------------|-------------|-----------------|-------------|----------------|-------------|----------------|-------------|----------------|--|----------------|--|---------------|--|--|--|--|--|--|
| <br>Φ D | <table><tr><th>Tube(Metric)</th><th>Tube(Inch)</th></tr><tr><td>XPLJ 04</td><td>XPLJ 5/32</td></tr><tr><td>XPLJ 06</td><td>XPLJ 3/16</td></tr><tr><td>XPLJ 08</td><td>XPLJ 1/4</td></tr><tr><td>XPLJ 10</td><td>XPLJ 5/16</td></tr><tr><td>XPLJ 12</td><td>XPLJ 3/8</td></tr><tr><td></td><td>XPLJ 1/2</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table> | Tube(Metric) | Tube(Inch) | XPLJ 04 | XPLJ 5/32 | XPLJ 06 | XPLJ 3/16 | XPLJ 08 | XPLJ 1/4 | XPLJ 10 | XPLJ 5/16 | XPLJ 12 | XPLJ 3/8 |  | XPLJ 1/2 |  |  |  |  |  |  | <br>Φ D2<br>Φ D1 | <table><tr><th>Tube(Metric)</th><th>Tube(Inch)</th></tr><tr><td>XPLGJ 06-04</td><td>XPLGJ 3/16-5/32</td></tr><tr><td>XPLGJ 08-06</td><td>XPLGJ 1/4-5/32</td></tr><tr><td>XPLGJ 10-08</td><td>XPLGJ 1/4-3/16</td></tr><tr><td>XPLGJ 12-10</td><td>XPLGJ 5/16-1/4</td></tr><tr><td></td><td>XPLGJ 3/8-5/16</td></tr><tr><td></td><td>XPLGJ 1/2-3/8</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table> | Tube(Metric) | Tube(Inch) | XPLGJ 06-04 | XPLGJ 3/16-5/32 | XPLGJ 08-06 | XPLGJ 1/4-5/32 | XPLGJ 10-08 | XPLGJ 1/4-3/16 | XPLGJ 12-10 | XPLGJ 5/16-1/4 |  | XPLGJ 3/8-5/16 |  | XPLGJ 1/2-3/8 |  |  |  |  |  |  |
|  | Tube(Metric)  | Tube(Inch)   |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  | XPLJ 04   | XPLJ 5/32    |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  | XPLJ 06   | XPLJ 3/16    |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  | XPLJ 08   | XPLJ 1/4     |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  | XPLJ 10   | XPLJ 5/16    |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  | XPLJ 12   | XPLJ 3/8     |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  |   | XPLJ 1/2     |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  |   |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  |   |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  |   |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
| Tube(Metric)   | Tube(Inch)  |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
| XPLGJ 06-04  | XPLGJ 3/16-5/32   |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
| XPLGJ 08-06  | XPLGJ 1/4-5/32  |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
| XPLGJ 10-08  | XPLGJ 1/4-3/16  |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
| XPLGJ 12-10  | XPLGJ 5/16-1/4  |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  | XPLGJ 3/8-5/16  |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  | XPLGJ 1/2-3/8   |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  |   |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  |   |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |
|  |   |              |            |         |           |         |           |         |          |         |           |         |          |  |          |  |  |  |  |  |  |  |   |              |            |             |                 |             |                |             |                |             |                |  |                |  |               |  |  |  |  |  |  |

| XPYJ   | MODEL(ΦD)    |            | XPWJ   | MODEL(ΦD1-ΦD2) |               |
|--|--------------|------------|--|----------------|---------------|
| <br>Φ D | Tube(Metric) | Tube(Inch) | <br>Φ D1<br><br><br><br><br><br><br><br>Φ D2 | Tube(Metric)   | Tube(Inch)    |
|  | XPYJ 04      | XPYJ 5/32  |  | XPWJ 06-04     | XPWJ 1/4-5/32 |
|  | XPYJ 06      | XPYJ 3/16  |  | XPWJ 08-06     | XPWJ 5/16-1/4 |
|  | XPYJ 08      | XPYJ 1/4   |  | XPWJ 10-08     | XPWJ 3/8-5/16 |
|  | XPYJ 10      | XPYJ 5/16  |  | XPWJ 12-10     | XPWJ 1/2-3/8  |
|  | XPYJ 12      | XPYJ 3/8   |  |                |               |
|  |              | XPYJ 1/2   |  |                |               |
|  |              |            |  |                |               |
|  |              |            |  |                |               |
|  |              |            |  |                |               |

## 气管 Pipe



尼龙/聚氨酯 Nylon / Polyurethane

### 规格 Specification

|                             |          |
|-----------------------------|----------|
| 工作介质<br>Working Medium      | 空气 / Air |
| 工作压力<br>Working-pressure    | 0~1.0MPa |
| 环境温度<br>Ambient Temperature | -15~60℃  |

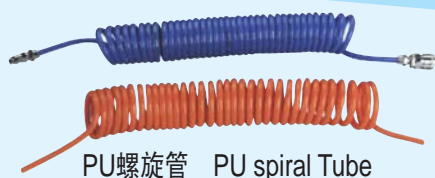
### 特点 Character

Good endurance of vibration, corrosion abrasion and flection.  
Easily use with its kight weight.  
Fits for kinds of joint connector with its high precision.  
Many colors for choice.

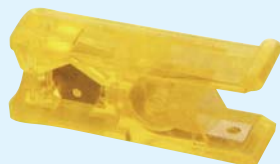
防震、耐腐蚀性、防摩擦、耐弯折性强  
轻巧易于使用  
高精度性，适用于各种接头  
多种颜色选择

### 订购码 Ordering Code

|  |                  |   |                  |   |             |
|--|------------------|---|------------------|---|-------------|
| PU   | 8                | × | 5                | - | B           |
| PU管<br>PE管<br>NY管<br>PU tube<br>PE tube<br>NY tube | 外径<br>outer dia. |   | 内径<br>inner dia. |   | 颜色<br>color |



PU螺旋管 PU spiral Tube



气管剪 TUBE CUTTER

特点：能够安全、快速、准确、平整地切断气管

### 订购码 Ordering Code

|                |                  |   |                  |   |              |   |             |
|----------------|------------------|---|------------------|---|--------------|---|-------------|
| PUL            | 8                | × | 5                | - | 7            | - | B           |
| PU管<br>PU tube | 外径<br>outer dia. |   | 内径<br>inner dia. |   | 长度<br>length |   | 颜色<br>color |

### 长度规格 Length Spec

|    |    |    |    |     |     |     |
|----|----|----|----|-----|-----|-----|
| 2  | 3  | 5  | 7  | 10  | 14  | 20  |
| 2m | 3m | 5m | 7m | 10m | 14m | 20m |

### 规格 Specification

| 类 型 Type | 长度 Length |
|----------|-----------|
| PU4×2.5  | 200       |
| PU6×4    | 200       |
| PU8×5    | 100       |
| PU8×6    | 100       |
| PU10×6.5 | 100       |
| PU12×8   | 100       |

### 颜色 Color

|                        |                  |                  |                   |
|------------------------|------------------|------------------|-------------------|
| C<br>transparent<br>透明 | B<br>black<br>黑色 | BU<br>blue<br>蓝色 | O<br>orange<br>桔色 |
|------------------------|------------------|------------------|-------------------|