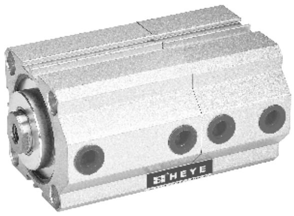
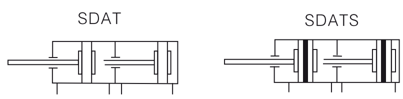
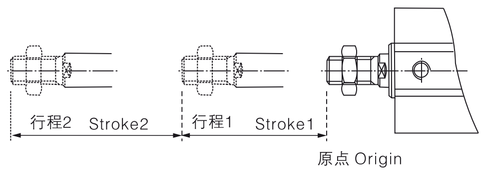


## ▲产品规格 Specifications

| 缸径(mm) Bore | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|
| 动作型式 Action model | 双动型 Double action | | | | | | | | | |
| 工作介质 Working Fluid | 空气 Air | | | | | | | | | |
| 工作压力MPa Working Pressure range | 0.1–0.9 | | | | | | | | | |
| 耐压MPa Proof pressure | 1.35 | | | | | | | | | |
| 工作温度℃ Working temperature | 0～60℃ | | | | | | | | | |
| 工作速度mm/s Working speed range | 30～500 | | | | | | 30～350 | | 30～250 | |
| 缓冲型式 Cushion type | 固定式缓冲 Fixed cushion | | | | | | | | | |
| 接管口径 Port Size | M5x0.8 | | | | PT1/8 | | PT1/4 | | PT3/8 | |

图形符号 Symbol



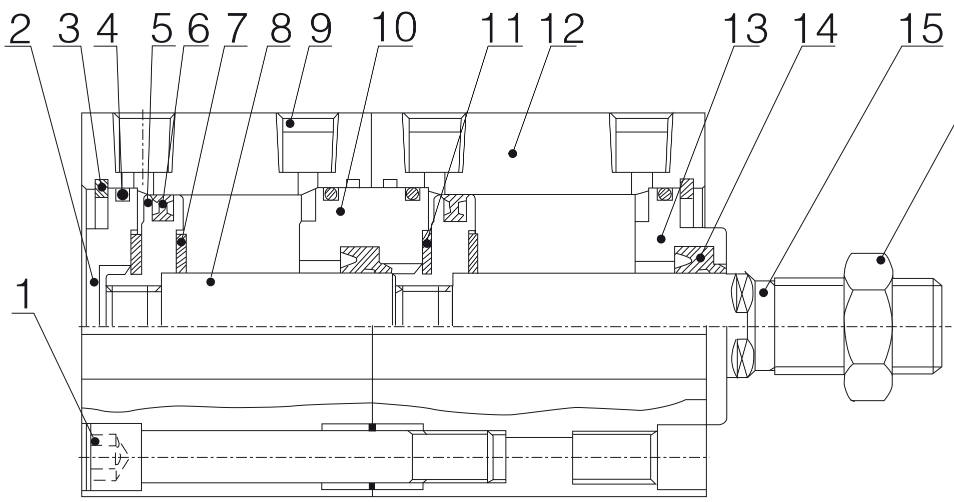




## ▲订购码 Order Code

SDAT-S-25X25 X15 - B

- 杆端螺纹 Rod end style
  - 空白:内螺纹 Blank:Female thread
  - B:外螺纹 B:Male thread
  - N:无螺纹 N:No thread
- 行程2 Stroke2
- 行程1 Stroke1
- 缸径 Bore
- 磁环代号 Magnet Code
  - S:附磁环 空白:不附磁
  - S:With magnet Blank without magnet
- 动作型式 Action type
  - SDAT:双动多位置型
  - SDAT:Double Action/ two stage

## ▲内部结构 Internal Structure



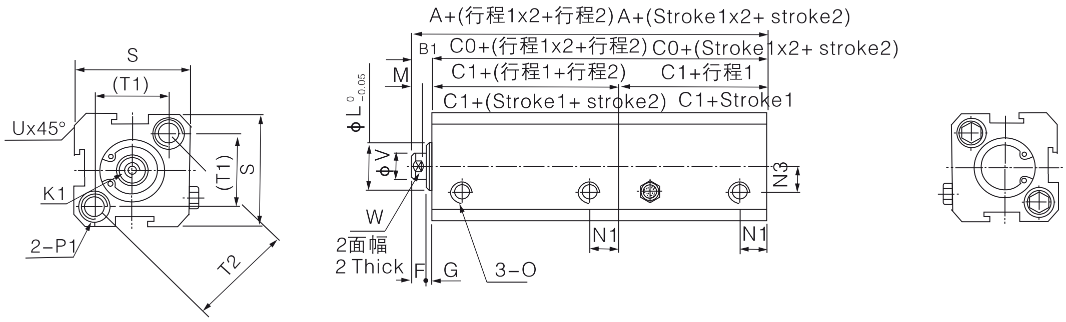

| 序号No. | 名称 Part name | 序号No. | 名称 Part name |
|---|---|---|---|
| 1 | 连接螺栓Bolt | 9 | 消声器 Muffler |
| 2 | 后盖 Head cover | 10 | 连接座 Base |
| 3 | 孔用弹性挡圈Spring backstop | 11 | 防撞垫片 Cushion rubble |
| 4 | 前后盖O形圈Cylinder gasket | 12 | 缸体 Cylinder body |
| 5 | 活塞Piston | 13 | 前盖 Rod cover |
| 6 | 活塞密封圈Piston seal | 14 | 前盖密封圈Rod packing |
| 7 | 防撞垫片 Cushion rubble | 15 | 活塞杆Piston rod |
| 8 | 活塞杆Piston rod | 16 | 螺母 Nut |

| 内径(mm) Bore | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|
| 缸体 Cylinder body | 铝合金 Aluminum alloy | | | | | | | | | |
| 活塞 Piston | 铝合金 Aluminum alloy | | | | | | | | | |
| 活塞杆 Piston Rod | 高碳钢(镀硬铬研磨处理) Steel(industrial chrome plated) | | | | | | | | | |
| 活塞密封圈 Piston seal | NBR | | | | | | | | | |
| 前盖密封圈 Rod packing | NBR | | | | | | | | | |
| 防撞垫片 Cushion rubble | NBR | | | | | | | | | |
| 含油轴承 Bush | 含油粉末冶铜 Oil impregnated bearing alloy | | | | | | | | | |
| 前盖 Rod cover | 铝合金 Aluminum alloy | | | | | | | | | |
| 后盖 Head cover | 铝合金 Aluminum alloy | | | | | | | | | |
| 连接座 Base | 铝合金 Aluminum alloy | | | | | | | | | |
| 磁铁 Magnet | 弹簧钢 Spring steel | | | | | | | | | |
| 孔用弹性挡圈Spring backstop | 塑胶 Rubble | | | | | | | | | |

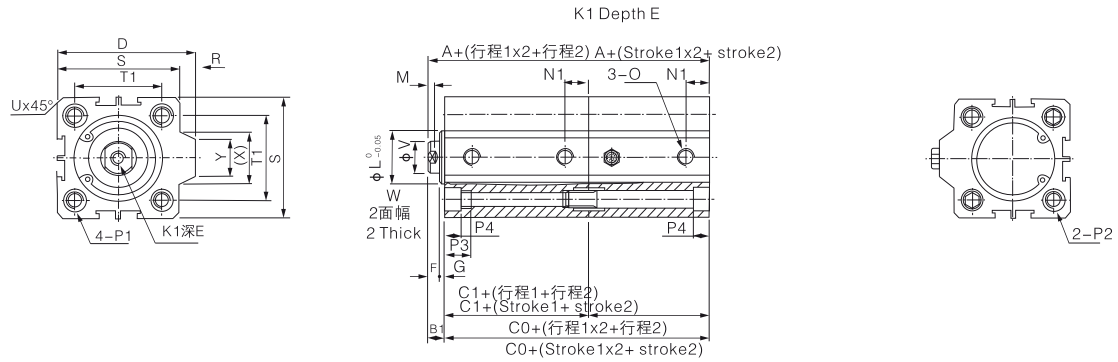
## ▲ 外形尺寸(毫米) Overall Dimension(mm)

SDAT、SDATS型 SDAT SDATS Series

ϕ12~ϕ16




ϕ20~ϕ100




| 型式 Type | 标准型Standard | | | | 附磁型With magnet | | | | D | E | | F | G | K1 | L | M | N1 | N3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 内径 Bore | A | B1 | C0 | C1 | A | B1 | C0 | C1 | | 行程≤10Stroke≤10 | 行程>10stroke>10 | | | | | | | |
| 12 | 39 | 5 | 34 | 17 | 59 | 5 | 54 | 27 | – | 6 | | 4 | 1 | M3x0.5 | 10.2 | 3 | 6.5 | 6 |
| 16 | 42.5 | 5.5 | 37 | 18.5 | 62.5 | 5.5 | 57 | 28.5 | – | 6 | | 4 | 1.5 | M3x0.5 | 11 | 3 | 7.2 | 6.5 |
| 20 | 44.5 | 5.5 | 39 | 19.5 | 64.5 | 5.5 | 59 | 29.5 | 36 | 8 | | 4 | 1.5 | M4x0.7 | 16 | 3 | 7.2 | – |
| 25 | 48 | 6 | 42 | 21 | 68 | 6 | 62 | 31 | 42 | 10 | | 4 | 2 | M5x0.8 | 17 | 3 | 8 | – |
| 32 | 56 | 7 | 49 | 24.5 | 76 | 7 | 69 | 34.5 | 50 | 12 | | 4 | 3 | M6x1 | 22 | 3 | 9 | – |
| 40 | 59 | 7 | 52 | 26 | 79 | 7 | 72 | 36 | 58.5 | 12 | | 4 | 3 | M8x1.25 | 28 | 3 | 10 | – |
| 50 | 65 | 9 | 56 | 28 | 85 | 9 | 76 | 38 | 71.5 | 15 | | 5 | 4 | M10x1.5 | 38 | 4 | 10 | – |
| 63 | 73 | 9 | 64 | 32 | 93 | 9 | 84 | 42 | 84.5 | 15 | | 5 | 4 | M10x1.5 | 40 | 4 | 11.5 | – |
| 80 | 93 | 11 | 82 | 41 | 113 | 11 | 102 | 51 | 104 | 14 | 20 | 6 | 5 | M14x1.5 | 45 | 4 | 13 | – |
| 100 | 114 | 12 | 102 | 51 | 134 | 12 | 122 | 61 | 124 | 18 | 20 | 7 | 5 | M18x1.5 | 55 | 4 | 16 | – |

| 缸径 Bore | O | P1 | P2 | P3 | P4 | R | S | T1 | T2 | U | V | W | X | Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | M5x0.8 | ϕ6.5螺纹Thread M5通孔Hole: ϕ4.2 | – | 12 | 4.5 | – | 25 | 16.2 | 23 | 1.6 | 6 | 5 | – | – |
| 16 | M5x0.8 | ϕ6.5螺纹Thread M5通孔Hole: ϕ4.2 | – | 12 | 4.5 | – | 29 | 19.8 | 28 | 1.6 | 6 | 5 | – | – |
| 20 | M5x0.8 | 双边Double side: ϕ6.5螺纹M5通孔Hole: ϕ4.2 | 双边Double side: ϕ6.5螺纹通孔Hole: ϕ5.2 | 14 | 4.5 | 2 | 34 | 24 | – | 2.1 | 8 | 6 | 11.3 | 10 |
| 25 | M5x0.8 | 双边Double side: ϕ8.2螺纹M6通孔Hole: ϕ4.6 | 双边Double side: ϕ8.2螺纹通孔Hole: ϕ6.2 | 15 | 5.5 | 2 | 40 | 28 | – | 3.1 | 10 | 8 | 12 | 10 |
| 32 | PT1/8 | 双边Double side: ϕ8.2螺纹M6通孔Hole: ϕ4.6 | 双边Double side: ϕ8.2螺纹通孔Hole: ϕ6.2 | 16 | 5.5 | 6 | 44 | 34 | – | 2.15 | 12 | 10 | 18.3 | 15 |
| 40 | PT1/8 | 双边Double side: ϕ10螺纹M8通孔Hole: ϕ6.5 | 双边Double side: ϕ10螺纹通孔Hole: ϕ8.2 | 20 | 7.5 | 6.5 | 52 | 40 | – | 2.25 | 16 | 14 | 21.3 | 16 |
| 50 | PT1/4 | 双边Double side: ϕ11螺纹M8通孔Hole: ϕ6.5 | 双边Double side: ϕ11螺纹通孔Hole: ϕ6.5 | 25 | 8.5 | 9.5 | 62 | 48 | – | 4.15 | 20 | 17 | 30 | 20 |
| 63 | PT1/4 | 双边Double side: ϕ11螺纹M8通孔Hole: ϕ6.5 | 双边Double side: ϕ11螺纹通孔Hole: ϕ8.5 | 25 | 8.5 | 9.5 | 75 | 60 | – | 3.15 | 20 | 17 | 28.7 | 20 |
| 80 | PT3/8 | 双边Double side: ϕ14螺纹M12通孔Hole: ϕ9.2 | 双边Double side: ϕ14螺纹通孔Hole: ϕ12.3 | 25 | 10.5 | 10 | 94 | 74 | – | 3.65 | 25 | 22 | 36 | 26 |
| 100 | PT3/8 | 双边Double side: ϕ17.5螺纹M14通孔Hole: ϕ11.3 | 双边Double side: ϕ17.5螺纹通孔Hole: ϕ14.2 | 30 | 13 | 10 | 114 | 90 | – | 3.65 | 32 | 27 | 35 | 26 |