



## 规格 Specifications

|                                       |                                               |        |                                        |     |                                     |     |     |
|---------------------------------------|-----------------------------------------------|--------|----------------------------------------|-----|-------------------------------------|-----|-----|
| 缸径 Bore size (mm)                     | 6                                             | 10     | 15                                     | 20  | 25                                  | 32  | 40  |
| 接管口径 Port size Rc(PT)                 | M3x0.5                                        | M5x0.8 | 1/8                                    |     |                                     | 1/4 |     |
| 使用流体 Fluid                            | 过滤压缩空气 Filtered compressed air                |        |                                        |     |                                     |     |     |
| 动作形式 Action                           | 双动 Double acting                              |        |                                        |     |                                     |     |     |
| 保证耐压力 Proof pressure (MPa)            | 1.05                                          |        |                                        |     |                                     |     |     |
| 使用压力范围 Operating pressure range (MPa) | 0.18~0.7                                      |        |                                        |     |                                     |     |     |
| 环境及流体温度 Ambient and fluid temperature | -10~60℃ (未冻结 No freezing)                     |        |                                        |     |                                     |     |     |
| 磁性保持力 Magnet holding force (N)        | 19.6                                          | 53.9   | 137                                    | 231 | 363                                 | 588 | 922 |
| 活塞速度 Piston speed                     | 50~400 mm/s                                   |        |                                        |     |                                     |     |     |
| 缓冲 Cushion                            | 橡胶缓冲 / 油压缓冲器<br>Rubber bumper/ Shock absorber |        |                                        |     |                                     |     |     |
| 行程公差 Stroke tolerance (mm)            | ~250: <sup>+1.0</sup> <sub>0</sub>            |        | 251~1000: <sup>+1.4</sup> <sub>0</sub> |     | 1001~: <sup>+1.8</sup> <sub>0</sub> |     |     |
| * 润滑 Lubrication                      | 不需要 Not required                              |        |                                        |     |                                     |     |     |

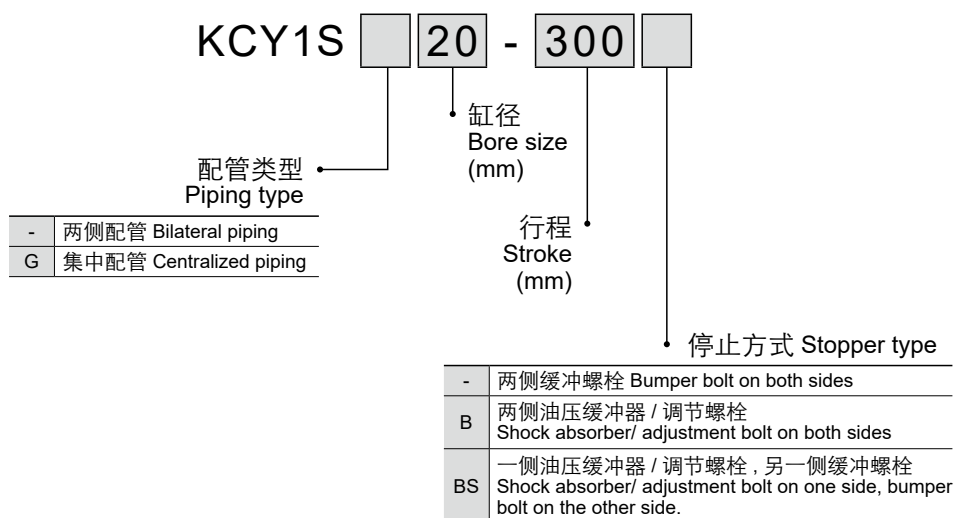
\* 如需要润滑请使用透平 1 号油 ISOVG32。Please use Turbine oil 1st Grade ISOVG32 if necessary.

## 行程 / 磁性开关 Stroke/ Auto switch

| 缸径<br>Bore size<br>(mm) | 标准行程<br>Standard stroke<br>(mm)                                       | 最长行程<br>Max. stroke<br>(mm) | 磁性开关<br>Auto Switch | 开关固定码<br>Switch clamp |
|-------------------------|-----------------------------------------------------------------------|-----------------------------|---------------------|-----------------------|
| 6                       | 50, 100, 150, 200                                                     | 300                         | D-M9BK              | KMUZ-025              |
| 10                      | 50, 100, 150, 200, 250, 300                                           | 500                         |                     |                       |
| 15                      | 50, 100, 150, 200, 250, 300, 350, 400, 450, 500                       | 750                         |                     |                       |
| 20                      | 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800            | 1000                        |                     |                       |
| 25, 32                  |                                                                       | 1500                        |                     |                       |
| 40                      | 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000 | 1500                        |                     |                       |

\* 非标行程可定制。Nonstandard stroke can be customized.

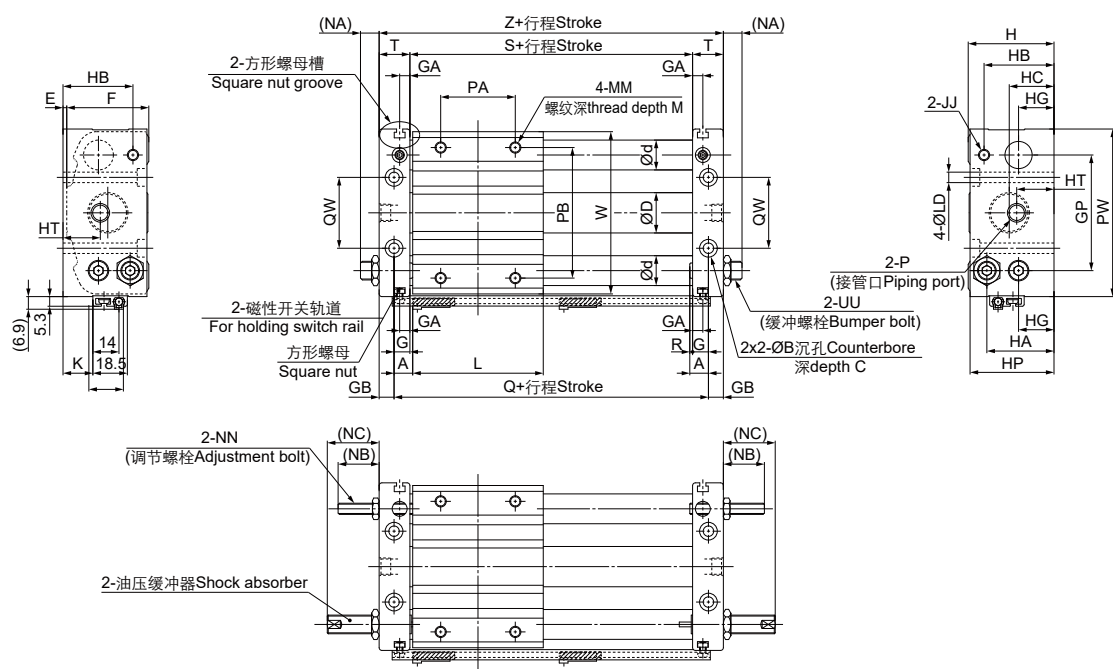
## 型号表示方法 How to Order



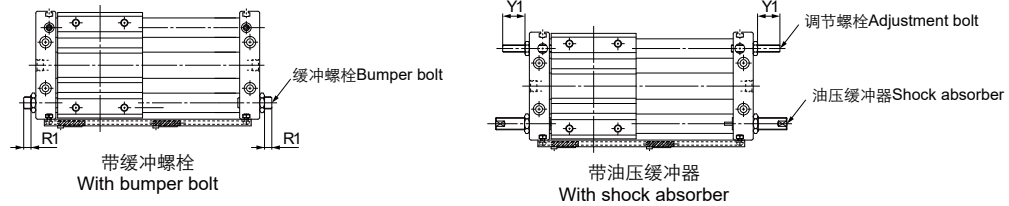
磁耦式无杆气缸(滑动轴承)  
Magnetically Coupled Rodless Air Cylinder (Slide Bearing)  
Series **KCY1S**

外形尺寸图 Dimensions (mm)

KCY1S



行程调节总量 Amount of stroke adjustment



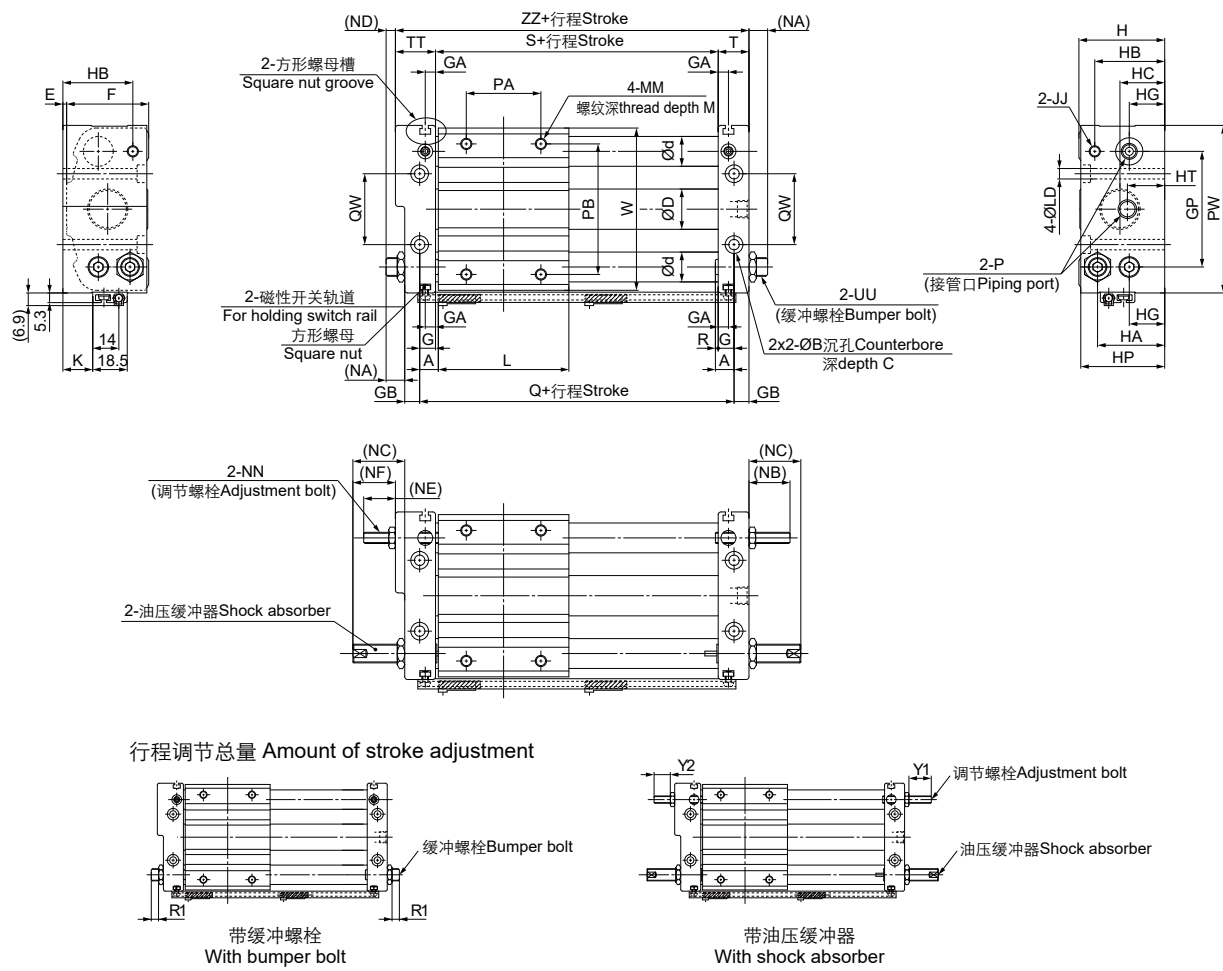
| 缸径<br>Bore size | A    | B   | C   | D    | d  | E   | F    | G    | GA  | GB | GP  | H  | HA   | HB   | HC   | HG   | HP | HT   | JJ      | K  | L  | LD  | M  | MM      | NA   | NB   | NC |
|-----------------|------|-----|-----|------|----|-----|------|------|-----|----|-----|----|------|------|------|------|----|------|---------|----|----|-----|----|---------|------|------|----|
| 6               | 6    | 6.5 | 3.3 | 7.6  | 8  | 2   | 25   | 5    | 5   | 5  | 30  | 27 | 20.5 | 20.5 | 15.5 | 8    | 26 | 15.5 | M4x0.7  | 3  | 40 | 3.5 | 6  | M4x0.7  | 11   | 14   | 19 |
| 10              | 7.5  | 8   | 4.4 | 12   | 10 | 2.5 | 31.5 | 6.5  | 5   | 6  | 40  | 34 | 25   | 27   | 17   | 13.5 | 33 | 17   | M4x0.7  | 6  | 45 | 4.6 | 6  | M4x0.7  | 10.5 | 16.5 | 28 |
| 15              | 7.5  | 9.5 | 5.4 | 16.6 | 12 | 2   | 38   | 6.5  | 5   | 6  | 52  | 40 | 28   | 29.5 | 20.5 | 15   | 39 | 20.5 | M4x0.7  | 11 | 60 | 5.8 | 8  | M5x0.8  | 10.5 | 16.5 | 28 |
| 20              | 10   | 9.5 | 5.4 | 21.6 | 16 | 2   | 44   | 8.5  | 5.5 | 8  | 62  | 46 | 36   | 37.5 | 24   | 19   | 45 | 20   | M6x1.0  | 16 | 70 | 5.8 | 10 | M6x1.0  | 10.5 | 22   | 28 |
| 25              | 10   | 11  | 6.5 | 26.4 | 16 | 2   | 52   | 8.5  | 5.5 | 8  | 70  | 54 | 40.5 | 40.5 | 27.5 | 21.5 | 53 | 21   | M6x1.0  | 20 | 70 | 7   | 10 | M6x1.0  | 12.5 | 22   | 49 |
| 32              | 12.5 | 14  | 8.6 | 33.6 | 20 | 2   | 64   | 9.5  | 5.5 | 9  | 86  | 66 | 50   | 50   | 33   | 26   | 64 | 24   | M8x1.25 | 26 | 85 | 9   | 12 | M8x1.25 | 11.5 | 23.5 | 52 |
| 40              | 12.5 | 14  | 8.6 | 41.6 | 25 | 2   | 74   | 10.5 | 5.5 | 10 | 104 | 76 | 55.5 | 55.5 | 38   | 27   | 74 | 27   | M8x1.25 | 28 | 95 | 9   | 12 | M8x1.25 | 10.5 | 22.5 | 51 |

| 缸径<br>Bore size | NN      | P      | PA | PB  | PW  | Q   | QW | R   | R1  | S  | T    | UU      | W   | Y1   | Z   |
|-----------------|---------|--------|----|-----|-----|-----|----|-----|-----|----|------|---------|-----|------|-----|
| 6               | M4x0.7  | M3x0.5 | 25 | 25  | 49  | 52  | 16 | 1   | 7.5 | 42 | 10   | M6x0.75 | 46  | 11.5 | 62  |
| 10              | M4x0.7  | M5x0.8 | 25 | 38  | 61  | 60  | 24 | 1   | 5.5 | 47 | 12.5 | M8x1    | 58  | 14   | 72  |
| 15              | M4x0.7  | M5x0.8 | 30 | 50  | 76  | 75  | 30 | 1   | 5.5 | 62 | 12.5 | M8x1    | 73  | 14   | 87  |
| 20              | M6x1.0  | 1/8    | 40 | 70  | 90  | 90  | 38 | 1.5 | 4.5 | 73 | 16.5 | M10x1   | 87  | 18.5 | 106 |
| 25              | M6x1.0  | 1/8    | 40 | 70  | 99  | 90  | 42 | 1.5 | 4.5 | 73 | 16.5 | M14x1.5 | 96  | 18.5 | 106 |
| 32              | M8x1.25 | 1/8    | 40 | 75  | 119 | 110 | 50 | 3   | 5.5 | 91 | 18.5 | M20x1.5 | 116 | 18.5 | 128 |
| 40              | M8x1.25 | 1/4    | 65 | 105 | 142 | 120 | 64 | 2   | 4.5 | 99 | 20.5 | M20x1.5 | 139 | 17.5 | 140 |

磁耦式无杆气缸(滑动轴承)  
Magnetically Coupled Rodless Air Cylinder (Slide Bearing)  
Series **KCY1S**

外形尺寸图 Dimensions (mm)

KCY1SG



| 缸径<br>Bore size | A    | B   | C   | D    | d  | E   | F    | G    | GA  | GB | GP  | H  | HA   | HB   | HC   | HG   | HP | HT   | JJ      | K  | L  | LD  | M  | MM      | NA   | NB   | NC |
|-----------------|------|-----|-----|------|----|-----|------|------|-----|----|-----|----|------|------|------|------|----|------|---------|----|----|-----|----|---------|------|------|----|
| 6               | 6    | 6.5 | 3.3 | 7.6  | 8  | 2   | 25   | 5    | 5   | 5  | 30  | 27 | 20.5 | 20.5 | 15.5 | 8    | 26 | 15.5 | M4x0.7  | 3  | 40 | 3.5 | 6  | M4x0.7  | 11   | 14   | 19 |
| 10              | 7.5  | 8   | 4.4 | 12   | 10 | 2.5 | 31.5 | 6.5  | 5   | 6  | 40  | 34 | 25   | 27   | 17   | 13.5 | 33 | 17   | M4x0.7  | 6  | 45 | 4.6 | 6  | M4x0.7  | 10.5 | 16.5 | 28 |
| 15              | 7.5  | 9.5 | 5.4 | 16.6 | 12 | 2   | 38   | 6.5  | 5   | 6  | 52  | 40 | 28   | 29.5 | 20.5 | 15   | 39 | 20.5 | M4x0.7  | 11 | 60 | 5.8 | 8  | M5x0.8  | 10.5 | 16.5 | 28 |
| 20              | 10   | 9.5 | 5.4 | 21.6 | 16 | 2   | 44   | 8.5  | 5.5 | 8  | 62  | 46 | 36   | 37.5 | 24   | 19   | 45 | 20   | M6x1.0  | 16 | 70 | 5.8 | 10 | M6x1.0  | 10.5 | 22   | 28 |
| 25              | 10   | 11  | 6.5 | 26.4 | 16 | 2   | 52   | 8.5  | 5.5 | 8  | 70  | 54 | 40.5 | 40.5 | 27.5 | 21.5 | 53 | 21   | M6x1.0  | 20 | 70 | 7   | 10 | M6x1.0  | 12.5 | 22   | 49 |
| 32              | 12.5 | 14  | 8.6 | 33.6 | 20 | 2   | 64   | 9.5  | 5.5 | 9  | 86  | 66 | 50   | 50   | 33   | 26   | 64 | 24   | M8x1.25 | 26 | 85 | 9   | 12 | M8x1.25 | 11.5 | 23.5 | 52 |
| 40              | 12.5 | 14  | 8.6 | 41.6 | 25 | 2   | 74   | 10.5 | 5.5 | 10 | 104 | 76 | 55.5 | 55.5 | 38   | 27   | 74 | 27   | M8x1.25 | 28 | 95 | 9   | 12 | M8x1.25 | 10.5 | 22.5 | 51 |

| 缸径<br>Bore size | ND  | NE   | NF | NN      | P      | PA | PB  | PW  | Q   | QW | R   | R1  | S  | T    | TT   | UU      | W   | Y1   | Y2   | ZZ  |
|-----------------|-----|------|----|---------|--------|----|-----|-----|-----|----|-----|-----|----|------|------|---------|-----|------|------|-----|
| 6               | 7   | 10   | 15 | M4x0.7  | M3x0.5 | 25 | 25  | 49  | 52  | 16 | 1   | 7.5 | 42 | 10   | 14   | M6x0.75 | 46  | 11.5 | 7.5  | 66  |
| 10              | 6.5 | 12.5 | 24 | M4x0.7  | M5x0.8 | 25 | 38  | 61  | 60  | 24 | 1   | 5.5 | 47 | 12.5 | 16.5 | M8x1    | 58  | 14   | 10   | 76  |
| 15              | 5.5 | 11.5 | 23 | M4x0.7  | M5x0.8 | 30 | 50  | 76  | 75  | 30 | 1   | 5.5 | 62 | 12.5 | 17.5 | M8x1    | 73  | 14   | 9    | 92  |
| 20              | 5.5 | 17   | 23 | M6x1.0  | 1/8    | 40 | 70  | 90  | 90  | 38 | 1.5 | 4.5 | 73 | 16.5 | 21.5 | M10x1   | 87  | 18.5 | 13.5 | 111 |
| 25              | 7.5 | 17   | 44 | M6x1.0  | 1/8    | 40 | 70  | 99  | 90  | 42 | 1.5 | 4.5 | 73 | 16.5 | 21.5 | M14x1.5 | 96  | 18.5 | 13.5 | 111 |
| 32              | 5.5 | 17.5 | 46 | M8x1.25 | 1/8    | 40 | 75  | 119 | 110 | 50 | 3   | 5.5 | 91 | 18.5 | 24.5 | M20x1.5 | 116 | 18.5 | 12.5 | 134 |
| 40              | 4.5 | 16.5 | 45 | M8x1.25 | 1/4    | 65 | 105 | 142 | 120 | 64 | 2   | 4.5 | 99 | 20.5 | 26.5 | M20x1.5 | 139 | 17.5 | 11.5 | 146 |