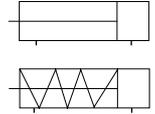


小型自由安装气缸 Mini Free Mount Air Cylinder Series **KCUJ** (Ø6~Ø20)



规格 Specifications

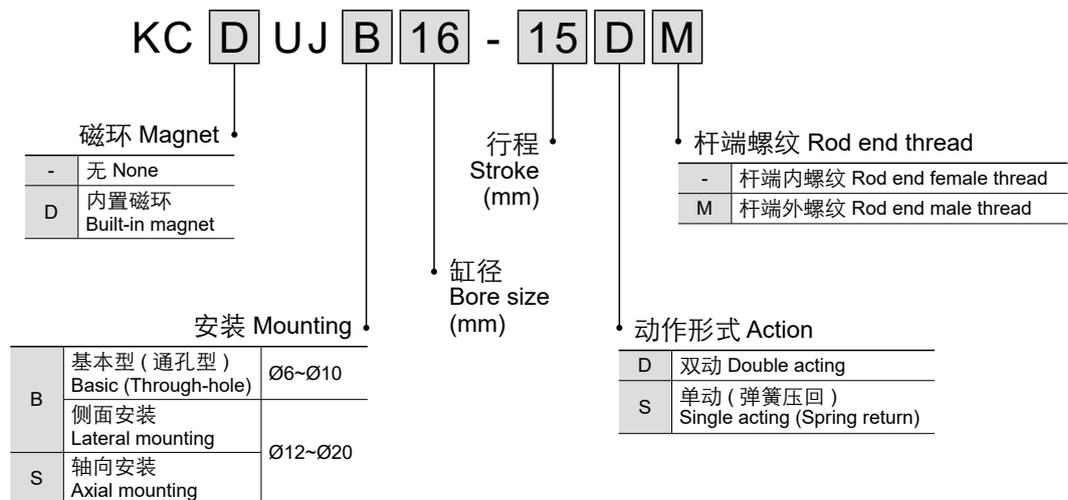
| | | | | | | |
|--|---|----------|---------|-----------------------|----------|--------|
| 缸径 Bore size (mm) | 6 | 8 | 10 | 12 | 16 | 20 |
| 接管口径 Port size Rc(PT) | M3x0.5 | | | | | M5x0.8 |
| 使用流体 Fluid | 过滤压缩空气 Filtered compressed air | | | | | |
| 动作形式 Action | 双动 / 单动 (弹簧压回) Double acting / Single acting (spring return) | | | | | |
| 保证耐压力 Proof pressure (MPa) | 1.05 | | | | | |
| 使用压力范围 Operating pressure range (MPa) | 双动 Double acting | 0.15~0.7 | 0.1~0.7 | 0.07~0.7 | 0.05~0.7 | |
| | 单动 (弹簧压回) Single acting (spring return) | 0.3~0.7 | 0.2~0.7 | 0.25~0.7 | 0.18~0.7 | |
| 环境及流体温度 Ambient and fluid temperature | -5~60°C (未冻结 No freezing) | | | | | |
| 活塞速度 Piston speed | 50~500 mm/s | | | | | |
| 缓冲 Cushion | 无 None | | | 橡胶缓冲 Rubber bumper | | |
| 行程公差 Stroke tolerance (mm) | +0.5 0 | | | +1.0 0 | | |
| * 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 Bore size (mm) | 标准行程 Standard stroke (mm) | | 磁性开关 Auto switch | 开关固定码 Switch clamp |
|----------------------|---------------------------------------|------------------|---------------------|-----------------------|
| | 双动 Double acting | 单动 Single acting | | |
| 6 | 4, 6, 8, 10, 15, 20, 25, 30 | 4, 6, 8 | KT-38 | - |
| 8, 10 | | 4, 6, 8, 10 | | |
| 12, 16 | 5, 10, 15, 20, 25, 30 | 5, 10 | | |
| 20 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | | |

型号表示方法 How to Order



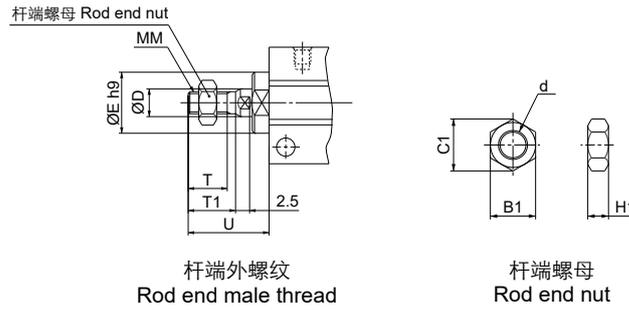
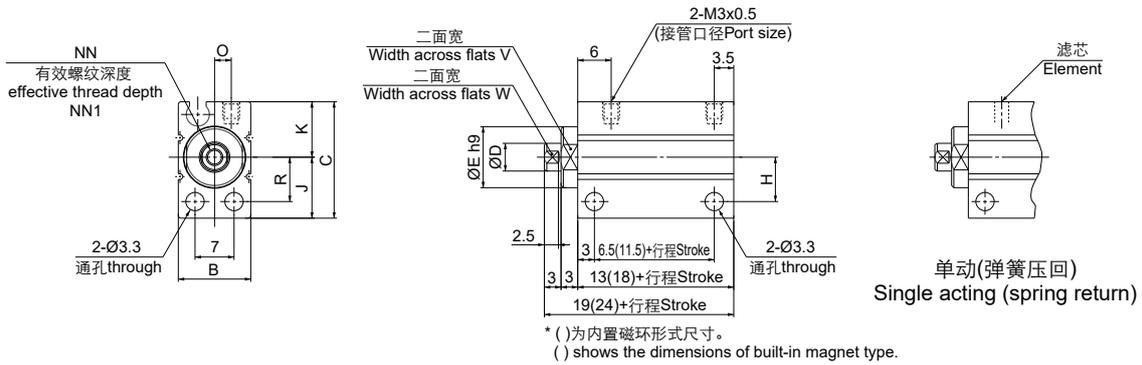
小型自由安装气缸

Mini Free Mount Air Cylinder

Series **KCUJ**

外形尺寸图 Dimensions (mm)

KC(D)UJB (Ø6~Ø10)



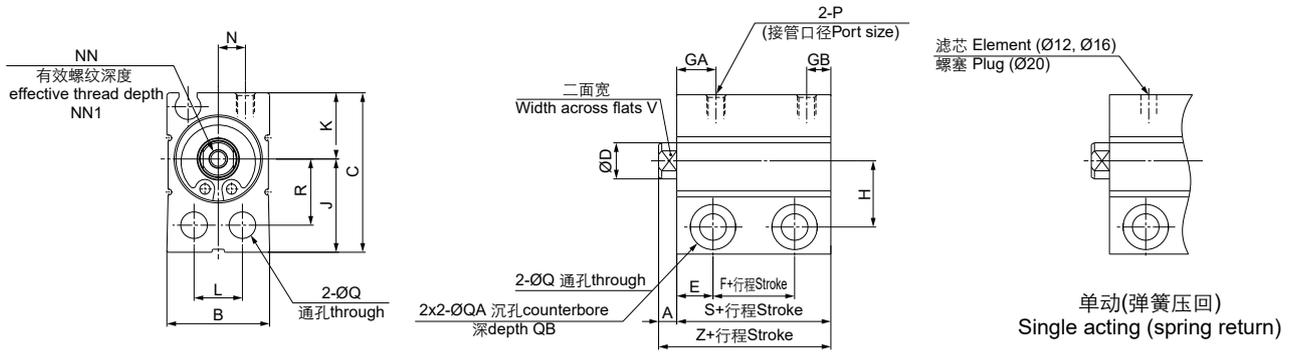
| 缸径 Bore size | B | C | D | E | H | J | K | MM | NN | NN1 | O | R | T | T1 | U | V | W |
|-----------------|------|----|---|----|-----|------|------|--------|-----------|-----|-----|-----|-----|------|------|----|-----|
| 6 | 13 | 19 | 4 | 9 | 7 | 10 | 9 | M3x0.5 | M2.5x0.45 | 5 | 3 | 7 | 5.5 | 6.5 | 12.5 | 8 | 3.5 |
| 8 | 13 | 21 | 5 | 11 | 8 | 11 | 10 | M4x0.7 | M3x0.5 | 6 | 3 | 8 | 7 | 8.5 | 14.5 | 10 | 4.5 |
| 10 | 13.5 | 22 | 6 | 12 | 8.5 | 11.5 | 10.5 | M5x0.8 | M3x0.5 | 6 | 3.2 | 8.5 | 9 | 10.5 | 16.5 | 11 | 5 |

| 缸径 Bore size | B1 | C1 | d | H1 |
|-----------------|-----|-----|--------|-----|
| 6 | 5.5 | 6.4 | M3x0.5 | 2.4 |
| 8 | 7 | 8.1 | M4x0.7 | 3.2 |
| 10 | 8 | 9.2 | M5x0.8 | 4 |

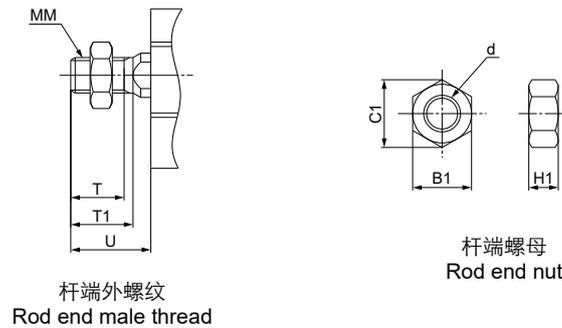
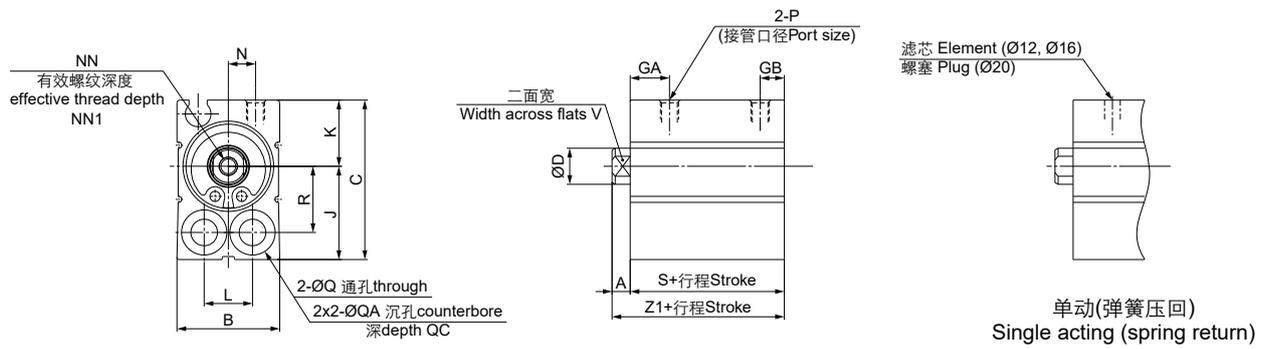
小型自由安装气缸 Mini Free Mount Air Cylinder Series **KCUJ**

外形尺寸图 Dimensions (mm)

KC(D)UJB (Ø12~Ø20)



KC(D)UJS (Ø12~Ø20)



| 缸径 Bore size | A | B | C | D | E | GB | H | J | K | L | MM | NN | NN1 | N | P | Q | QA | QB | QC | R | T | T1 | U | V | W |
|-----------------|-----|----|------|----|---|-----|------|------|------|------|---------|--------|-----|-----|--------|-----|-----|----|-----|------|----|------|------|---|------|
| 12 | 3.5 | 17 | 26.5 | 6 | 6 | 4 | 11 | 15.5 | 11 | 8 | M5x0.8 | M3x0.5 | 6 | 3.5 | M3x0.5 | 4.4 | 7.5 | 7 | 5.5 | 11 | 9 | 10.5 | 14 | 5 | 26 |
| 16 | 3.5 | 21 | 29.5 | 8 | 6 | 4 | 12.5 | 17 | 12.5 | 11.5 | M6x1.0 | M4x0.7 | 8 | 5.5 | M3x0.5 | 4.5 | 7.5 | 7 | 5.5 | 12.5 | 10 | 12 | 15.5 | 6 | 27.5 |
| 20 | 4.5 | 25 | 36 | 10 | 7 | 4.5 | 15.5 | 21 | 15 | 13.5 | M8x1.25 | M5x0.8 | 7 | 7 | M5x0.8 | 5.5 | 9.5 | 9 | 6.5 | 15.5 | 12 | 14 | 18.5 | 8 | 30 |

| 缸径 Bore size | 无磁环 Without magnet | | | | | 内置磁环 Built-in magnet | | | | |
|-----------------|--------------------|-----|----------|----------|----------|----------------------|-----|----------|----------|----------|
| | F | GA | S | Z | Z1 | F | GA | S | Z | Z1 |
| 12 | 3.5(5) | 7.5 | 15.5(17) | 19(20.5) | 19(20.5) | 7.5(9) | 7.5 | 19.5(21) | 23(24.5) | 23(24.5) |
| 16 | 4 | 8.5 | 16 | 20 | 19.5 | 8.5 | 9 | 20.5 | 24.5 | 24 |
| 20 | 5.5 | 8.5 | 19.5 | 24 | 24 | 9.5 | 8.5 | 23.5 | 28 | 28 |

| 缸径 Bore size | B1 | C1 | d | H1 |
|-----------------|----|------|---------|----|
| 12 | 8 | 9.2 | M5x0.8 | 4 |
| 16 | 10 | 11.5 | M6x1.0 | 5 |
| 20 | 13 | 15 | M8x1.25 | 5 |

* () 内为单动弹簧压回型的尺寸。() shows the dimensions of single acting spring return type.