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CU Series Multi-Mounted Cylinder

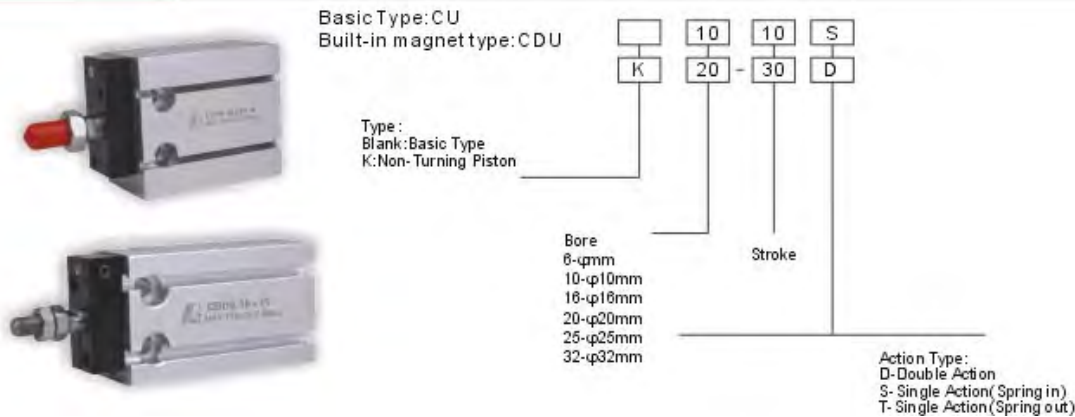
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CU Series Multi-Mounted Cylinder



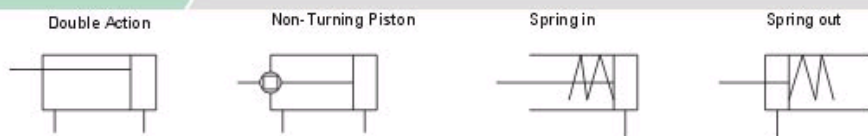
View technical date of CU Multi-Mounted Cylinder with PDF

Model Selection for CU Multi-Mounted Cylinder



Please use turbine No.1 oil ISOVG32 when lubrication is required.

Symbol for CU Series Multi-Mounted Cylinder



Specifications for CU Series Multi-Mounted Cylinder

| | | | | | | |
|---------------------|------------------------------|----|----|----|----|-----|
| Bore | 6 | 10 | 16 | 20 | 25 | 32 |
| Working Medium | Air | | | | | |
| Action mode | Double Action, Single Action | | | | | |
| Proof pressure | 1.0Mpa | | | | | |
| Working pressure | 0.1 0.7Mpa | | | | | |
| Working temperature | -5 60°C | | | | | |
| Cushion type | Two sides rubber cushion | | | | | |
| Stroke tolerance | +1.00 | | | | | |
| Lubrication | not required | | | | | |
| Installation | Free style(multi sides) | | | | | |
| Port Size | M5×0.8 | | | | | 1/8 |

Stroke/Magnet Selection for CU Multi-Mounted Cylinder

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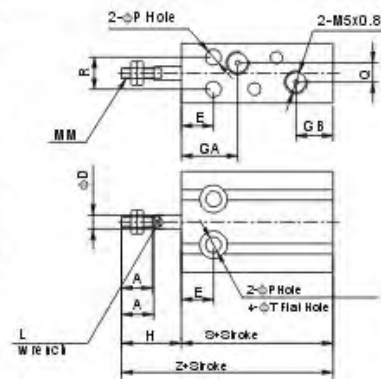
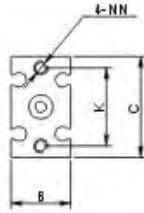
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New products

| Bore | Stroke | | Magnet |
|------|----------------------------|---------------|--------|
| | Double Action | Single Action | |
| 6 | 5,10,15, 20,25,30 | 5, 10, 15 | D-A90L |
| 10 | | | D-A93L |
| 16 | | | D-A96L |
| 20 | 5,10,15,20, 25,30,40,50 | 5, 10, 15 | D-A80L |
| 25 | | | D-F9NL |
| 32 | | | D-F9BL |

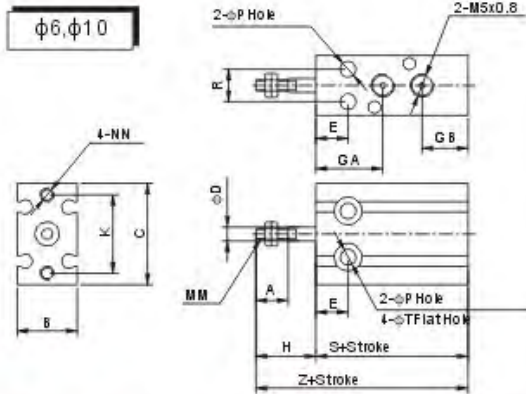
φ32



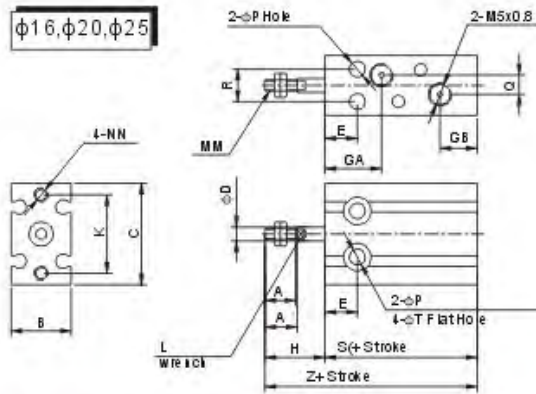
Overall Dimension for CU Series Multi-Mounted Cylinder

basic type, built-in magnet
(Double action, single action spring in/out)

φ6, φ10



φ16, φ20, φ25



| Type | A | A' | B | C | φD | E | GA | GB | J | K | L | MM | NN | φP | Q | R | φT |
|-------|------|------|----|----|----|----|------|------|----|----|----|----------|--------------|-----|------|----|-------------|
| CφU6 | 7 | - | 13 | 22 | 3 | 7 | 14.5 | 10 | 10 | 17 | - | M3x0.5 | M3x0.5(dp.)5 | 3.4 | - | 7 | 6(dp.)4.8 |
| CφU10 | 10 | - | 15 | 24 | 4 | 7 | 15.5 | 10 | 11 | 18 | - | M4x0.7 | M3x0.5(dp.)5 | 3.4 | - | 9 | 6(dp.)5 |
| CφU16 | 11 | 12.5 | 20 | 32 | 6 | 7 | 16.5 | 11.5 | 14 | 25 | 5 | M5x0.8 | M4x0.7(dp.)6 | 4.5 | 4 | 12 | 7.6(dp.)6.5 |
| CφU20 | 12 | 14 | 26 | 40 | 8 | 9 | 19 | 12.5 | 16 | 30 | 6 | M6x1.0 | M5x0.8(dp.)8 | 5.5 | 9 | 16 | 9.5(dp.)8 |
| CφU25 | 15.5 | 18 | 32 | 50 | 10 | 10 | 21 | 13 | 20 | 38 | 8 | M8x1.25 | M5x0.8(dp.)8 | 5.5 | 9 | 20 | 9.5(dp.)9 |
| CφU32 | 19.5 | 22 | 40 | 62 | 12 | 11 | 22 | 13 | 24 | 48 | 10 | M10x1.25 | M6x1.0(dp.)9 | 6.6 | 13.5 | 24 | 11(dp.)11.5 |

Double Action Type Dimension for CU Multi-Mounted Cylinder

| Model | H | Basic Type | | Built-in Magnet Type | | |
|----------|----|------------|----|----------------------|----|----|
| | | S | Z | W | S' | Z' |
| CφU6-φD | 13 | 33 | 46 | 2.5 | 33 | 46 |
| CφU10-φD | 16 | 36 | 52 | 1 | 36 | 52 |
| CφU16-φD | 16 | 30 | 46 | 0 | 40 | 56 |
| CφU20-φD | 19 | 36 | 55 | 1 | 46 | 65 |
| CφU25-φD | 23 | 40 | 63 | -1 | 50 | 73 |
| CφU32-φD | 27 | 42 | 69 | -4 | 52 | 79 |

Single Action Type(Spring in) Dimension

| Model | H | Basic Type | | | | | | Built-in Magnet Type | | | | | | |
|----------|----|------------|------|------|-----|------|------|----------------------|-----|------|------|-----|------|------|
| | | S | | | Z | | | W | S' | | | Z' | | |
| | | 5st | 10st | 15st | 5st | 10st | 15st | | 5st | 10st | 15st | 5st | 10st | 15st |
| CφU6-φS | 13 | 38 | 43 | 48 | 51 | 56 | 61 | 2.5 | 38 | 43 | 48 | 51 | 56 | 61 |
| CφU10-φS | 16 | 41 | 46 | 56 | 57 | 62 | 72 | 1 | 41 | 46 | 56 | 57 | 62 | 72 |
| CφU16-φS | 16 | 35 | 40 | 50 | 51 | 56 | 66 | 0 | 45 | 50 | 60 | 61 | 66 | 76 |
| CφU20-φS | 19 | 41 | 46 | 56 | 60 | 65 | 75 | 1 | 51 | 56 | 66 | 70 | 75 | 85 |
| CφU25-φS | 23 | 45 | 50 | 60 | 68 | 73 | 83 | -1 | 55 | 60 | 70 | 78 | 83 | 93 |
| CφU32-φS | 27 | 47 | 52 | 62 | 74 | 79 | 89 | -4 | 57 | 62 | 72 | 84 | 89 | 99 |

Single Action Type(Spring out) Dimension

| Model | H | | | Basic Type | | | | | | Built-in Magnet Type | | | | | | |
|----------|-----|------|------|------------|------|------|-----|------|------|----------------------|-----|------|------|-----|------|------|
| | | | | S | | | Z | | | W | S' | | | Z' | | |
| | 5st | 10st | 15st | 5st | 10st | 15st | 5st | 10st | 15st | | 5st | 10st | 15st | 5st | 10st | 15st |
| CφU6-φD | 18 | 23 | 28 | 38 | 43 | 48 | 56 | 66 | 76 | 2.5 | 38 | 43 | 48 | 56 | 66 | 76 |
| CφU10-φD | 21 | 26 | 31 | 41 | 46 | 56 | 62 | 72 | 87 | 1 | 41 | 46 | 56 | 62 | 72 | 87 |
| CφU16-φD | 21 | 26 | 31 | 45 | 50 | 60 | 66 | 76 | 91 | 0 | 45 | 50 | 60 | 66 | 76 | 91 |
| CφU20-φD | 24 | 29 | 34 | 41 | 46 | 56 | 65 | 75 | 90 | 1 | 51 | 56 | 66 | 75 | 85 | 100 |
| CφU25-φD | 28 | 33 | 38 | 45 | 50 | 60 | 73 | 83 | 98 | -1 | 55 | 60 | 70 | 83 | 93 | 108 |
| CφU32-φD | 32 | 37 | 42 | 47 | 52 | 62 | 79 | 89 | 104 | -4 | 57 | 62 | 72 | 89 | 99 | 114 |

How to order(Example)

- 1) Model: CUK6-10D Bore stroke: 10, double action, non-turning piston type
- 2) Model: CDU25-25s BORE: 25 STROKE: 25, DOUBLE ACTION, BUILT-IN MAGNET

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