

Made to Order Common Specifications: -XC27: Double Clevis and Double Knuckle Joint Pins Made of Stainless Steel



34 Double Clevis and Double Knuckle Joint Pins Made of Stainless Steel

Symbol

-XC27

To prevent the oscillating portion of the double clevis or the double knuckle joint from rusting, the material of the pin and the retaining ring has been changed to stainless steel.

Applicable Series

| Series | Description | Model | Action | Vol. no. (for std model) |
|-------------------|-----------------------|---------------------------|----------------------------------------------|--------------------------|
| CM2 | Standard type | CM2-Z | Double acting, Single rod ⁽¹⁾ | ②-1 From P. 172 |
| | | | Single acting (Spring return) ⁽¹⁾ | |
| | Non-rotating rod type | CM2K-Z | Double acting, Single rod ⁽¹⁾ | |
| | | | Single acting (Spring return) ⁽¹⁾ | |
| End lock cylinder | CBM2 | Double acting, Single rod | ②-1 From P. 392 | |
| | | Smooth cylinder | | CM2Y-Z |
| CG1 | Standard type | CG1-Z | Double acting, Single rod ⁽¹⁾ | ②-1 From P. 292 |
| | Non-rotating rod type | CG1K-Z ⁽²⁾ | Double acting, Single rod ⁽¹⁾ | |
| | Standard type | MB-Z | Double acting, Double rod ⁽¹⁾ | |
| MB | Non-rotating rod type | MBK-Z | Double acting, Single rod ⁽¹⁾ | ②-1 From P. 392 |
| | With end lock | MBB | Double acting, Single rod | |
| | Smooth cylinder | MBY-Z | Double acting, Single rod ⁽¹⁾ | |
| MB1 | Standard type | MB1-Z | Double acting, Single rod ⁽¹⁾ | ②-1 From P. 440 |
| | Non-rotating rod type | MB1K-Z | Double acting, Single rod ⁽¹⁾ | |
| CA2 | Standard type | CA2-Z | Double acting, Single rod ⁽¹⁾ | ②-1 From P. 470 |
| | Non-rotating rod type | CA2K | Double acting, Single rod | |
| | End lock cylinder | CBA2 | Double acting, Single rod | |
| | Smooth cylinder | CA2Y-Z | Double acting, Single rod | |
| CS1 | Standard type | CS1 | Double acting, Single rod | ②-1 From P. 530 |
| | Low friction | CS1Q | Double acting, Single rod | |
| CS2 | Standard type | CS2 | Double acting, Single rod | ②-1 From P. 568 |
| | Smooth cylinder | CS2Y | Double acting, Single rod | |

| Series | Description | Model | Action | Vol. no. (for std model) |
|--------|----------------------------|----------------------------------------------|------------------------------------------|--------------------------|
| CV | Valve mounted air cylinder | CVS1 | Double acting, Single rod | ②-3 From P. 832 |
| | | CVS1K | Double acting, Single rod | |
| CQS | Standard type | CQS | Double acting, Single rod | ②-1 From P. 693 |
| | Long stroke | CQS | Double acting, Single rod | |
| | Anti-lateral load type | CQS□S | Double acting, Single rod | |
| | Non-rotating rod type | CQSK | Double acting, Single rod | |
| CQ2 | Standard type | CQ2-Z | Double acting, Single rod ⁽¹⁾ | ②-1 From P. 773 |
| | | Single acting (Spring return) ⁽¹⁾ | | |
| | Long stroke | CQ2-Z | Double acting, Single rod | |
| | Anti-lateral load type | CQ2□S-Z | Double acting, Single rod | |
| | Non-rotating rod type | CQ2K-Z | Double acting, Single rod | |
| | Magnetic field resistant | CDQ2□P | Double acting, Single rod | |

Note 1) Except cylinders with double knuckle joint bracket in How to Order

Note 2) Except ø80 and ø100 with rubber bumper

Except ø20, ø25, ø32, ø80, and ø100 with air cushion

How to Order

CQSD -XC27

CQ2D -XC27

CG1D -XC27

CM2D -XC27

CA2D -XC27

CS1D -XC27

CS2D -XC27

↓ Double clevis type

↓ Double clevis pin
made of stainless steel

Y - -XC27

Y - -XC27

Y - -XC27

Y - -XC27

Y - -XC27

↓ Double knuckle joint

↓ Double knuckle joint pin
made of stainless steel

Specifications

| | |
|---------------------------------|--------------------------------------------------------|
| Mounting type | Only double clevis type (D), Double knuckle joint only |
| Pin and retaining ring material | Stainless steel 304 |
| Specifications other than above | Same as standard type |

IY - -XC27

IY - -XC27

CD - -XC27

CD - -XC27

CDP - -XC27

CDP - -XC27

↓ Clevis pin
Knuckle pin
made of stainless steel

↓ Clevis pin
Knuckle pin

* Stainless steel specification for IY-J015 is IY-J015SUS.

Mounting brackets, accessories, and nut material: Stainless steel

The following accessories need to be prepared separately. (Please order separately.) Refer to the "Accessories" page of each series for details.

| Series | Bore size (mm) | Foot | Flange | Single knuckle joint | Double knuckle joint | Mounting nut | Rod end nut | Accessories page |
|--------|---------------------------------|------|--------|----------------------|----------------------|--------------|-------------|----------------------------------|
| CM2 | 20, 25, 32, 40 | ○ | ○ | ○ | ○ | ○ | ○ | Best Pneumatics No. 2-1 p. 190 |
| CG1 | 20, 25, 32, 40, 50, 63, 80, 100 | ○* | ○* | ○ | ○ | — | ○ | Best Pneumatics No. 2-1 p. 309-1 |
| CQ2 | 20, 25, 32, 40, 50, 63, 80, 100 | — | — | ○ | ○ | — | ○ | Best Pneumatics No. 2-1 p. 796 |

* Except bore size 20 and 25.

