

## PNEUMATIC CYLINDER



### Series: Pneumatic cylinder

#### Features:

We professionally manufacture pneumatic cylinder near 20 years, which mainly include SC, SI (ISO6431), DNC, SDA compact, MA, MA6432, MAL mini series cylinder, CA1, CQ2B, CDM2B, CJ2B, CJP, CU, TN, CXS, STM, MGP series etc cylinder. We can also customize special cylinders according to customers' drawings.

For any interest or product, technical questions, welcome to contact our XPCP on line freely.

### DNC Series standard cylinder(ISO6431)



- |                            |                      |
|----------------------------|----------------------|
| ➤ Motion Pattern:          | Filtered Air         |
| ➤ Working Medium:          | Double Action        |
| ➤ Compression Pressure:    | 1.5MPa               |
| ➤ Max. Operating Pressure: | 1.0MPa               |
| ➤ Min. Operating Pressure: | 0.1MPa               |
| ➤ Buffer:                  | Air Buffer(Standard) |
| ➤ Condition Temperature:   | -5~70°C              |
| ➤ Operating Speed:         | 50~800mm/s           |

## **DNG Series Standard cylinder(ISO15552)**



- Motion Pattern: Double Action
- Working Medium: Air
- Working Pressure Range: 0.1~1.0MPa
- Ensured Pressure Resistance: 1.5MPa
- Operating Temperature Range: -5~60°C
- Operating Speed Range: 50~500mm/s
- Buffer Type: Adjustable Buffer

## **SI Series standard cylinder(ISO6431)**



- Motion Pattern: Double Action
- Working Medium: Air
- Fixed Type: Normal type FA/Type FB/Type CA/Type CB/Type SDB/Type LB/Type TC/Type
- Working Pressure Range: 0.1~0.9MPa
- Ensured Pressure Resistance: 1.35MPa

## SC/SU Series standard cylinder



- ➔ Motion ➔ Pattern Double Action
- ➔ Working Medium Air
- ➔ Fixed Type Normal type FA/Type  
FB/Type CA/Type  
CB/Type LB/Type  
TC/Type TC-M/ type
- ➔ Operating Voltage Range 0.1~0.9kgf/cm<sup>2</sup>
- ➔ Buffer Type Adjustable Buffer

## MB Series standard cylinder(Japan Standard)



- ➔ Working Medium Air
- ➔ Action type Double acting
- ➔ Proof pressure 15.3kgf/cm<sup>2</sup>(1.5Mpa)
- ➔ Max.pressure 10.2kgf/cm<sup>2</sup>(1.0Mpa)
- ➔ Min.pressure 0.5kgf/cm<sup>2</sup>(0.05Mpa)
- ➔ Environment and fluid temp -10~+60°C
- ➔ Piston velocity 50~1000mm/s
- ➔ Buffering Air buffering

## CA1 Series standard cylinder



- Working Medium      Air
- Motion Pattern      Double action Type
- Ensured Pressure Resistance      15.3kgf/cm<sup>2</sup>(1.5Mpa)
- Max.pressure      10.2kgf/cm<sup>2</sup>(1.0Mpa)
- Min.pressure      0.5kgf/cm<sup>2</sup>(0.05Mpa)
- Operating Speed Range      50~500mm/s
- Buffering      Air buffering

## MA6432 Series mini cylinder



- Working Medium      Air
- Motion pattern      Double Action or single Action
- Ensured Pressure Resistance      15.3kgf/cm<sup>2</sup>(1.5Mpa)
- Max.pressure      10.2kgf/cm<sup>2</sup>(1.0Mpa)
- Buffering      50~750mm/s

## MA Series mini cylinder



- Motion pattern Double Action or Single Action
- Working Medium Air
- Operating Voltage Range 0.1~0.9MPa
- Ensured Pressure Resistance 1.35MPa
- Operating Temperature Range -5~70°C
- Operating Speed Range 50~800mm/s

## MAL Series mini cylinder



- Motion pattern Double Action or Single Action
- Working Medium Air
- Operating Voltage Range 0.1~0.9MPa
- Ensured Pressure Resistance 1.35MPa
- Operating Speed Range 30~800mm/s

## CM2 Series mini cylinder



- Working Medium Air
- Motion Pattern Double action
- Ensured Pressure 15.3kgf/cm<sup>2</sup>(1.5Mpa)
- Resistance
- Max.pressure 10.2kgf/cm<sup>2</sup>(1.0Mpa)
- Operating Speed Range 50~750mm/s
- Margin of Stroke Error(mm) +1.4 0mm

## CJ2 Series mini cylinder



- Working Medium Air
- Ensured Pressure Resistance 1.05Mpa(10.5kgf/cm<sup>2</sup>)
- Max.pressure 0.7Mpa(7.1kgf/cm<sup>2</sup>)
- Operating Temperature Range -10~+70°C
- Operating Speed Range 50~750mm/s
- Margin of Stroke Error(mm) +1.0 0 mm
- Port size M5x0.8

### SDA Series thin type cylinder



- Working Medium      Air
- Ensured Pressure Resistance      1.35MPa
- Operating Temperature Range      -5~70°C
- Buffer Type      Fixed Type Buffer

### ADVU Series compact cylinder



- Action      Double acting, single rod/double rod
- Fluid      Filtered compressed air
- Ensured Pressure Resistance      1.5MPa
- Ambient and fluid temperature      -20~80 (No freezing)

## CQ2 Series compact cylinder



- Working Medium      Air
- Ensured Pressure Resistance      15.3kgf/cm<sup>2</sup>(1.5Mpa)
- Max.pressure      10.2kgf/cm<sup>2</sup>(1.0Mpa)
- Environment and fluid temp      5~+60°C
- Buffering      无/NO
- Margin of Stroke Error(mm)      +1.0

## CJP Series needle cylinder



- Working Medium      Air
- Ensured Pressure Resistance      10.5kgf/cm<sup>2</sup>(1.05Mpa)
- Max.pressure      7kgf/cm<sup>2</sup>(0.7Mpa)
- Operating Temperature Range      5~+60°C
- Buffering      NO
- Port size      M5×0.8(Panel mount Type )



## CU Series free installation Cylinder



- ➔ Working Medium            Air
- ➔ Ensured Pressure Resistance            1.0Mpa(10.5kgf/cm<sup>2</sup>)
- ➔ Max. Working-pressure            0.7Mpa(7.1kgf/cm<sup>2</sup>)
- ➔ Ambient and Medium Temperature            5~+60°C
- ➔ Cushion            Both ends buffer

## TN Series double-shaft cylinder



- ➔ Motion Pattern            Double action
- ➔ Working Medium            Air
- ➔ Operating Voltage Range            1~9kgf/cm<sup>2</sup>
- ➔ Ensured Pressure Resistance            10.5kgf/cm<sup>2</sup>
- ➔ Operating Speed Range            100~500mm/s
- ➔ Adjustable Stroke            -10~0mm

## CXS Series double-shaft



- ➔ Working Medium Air
- ➔ Motion Pattern Double action
- ➔ Max.pressure 0.7Mpa(7.1kgf/cm<sup>2</sup>)
- ➔ Buffering Both ends buffer
- ➔ Structure Double Power
- ➔ Stroke Adjustable (Return Stroke)0~5mm  
Range

## STM Series slide cylinder



- ➔ Motion Pattern Double action
- ➔ Working Medium Air
- ➔ Operating Temperature Range -5~+70°C
- ➔ Ensured Pressure Resistance 13.5kgf/cm<sup>2</sup>
- ➔ Operating Speed Range 50~200mm/s

### MGP Series three-shaft cylinder



- Working Medium Air
- Motion Pattern Double-action
- Max. Operating pressure 1.0Mpa(10.2kgf/cm<sup>2</sup>)
- Min. Operating pressure 0.12Mpa(1.2kgf/cm<sup>2</sup>)
- Ambient and Medium Temperature -10~+60°C

### RSQ Series stopper cylinder



- Fluid Air
- Ensured Pressure Resistance 1.5Mpa(15.3kgf/cm<sup>2</sup>)
- ax.pressure 1.0Mpa(10.2kgf/cm<sup>2</sup>)
- Buffering (Rubber bumper)
- Tolerance of stroke +1.4 (mm)
- \*Lubrication Not required

## XCK Series Clamping cylinder



### **Welding equipment for automotive use**

1. Disassemble
2. Light weight and Compact
3. No Lubrication
4. Build-in speed control
5. No need dust cover
6. Can be used for welding equipment which used to generate the electromagnetice

## MSQ Series rotary cylinder



- |                                 |                     |
|---------------------------------|---------------------|
| ➔ Fluid                         | Air(non-lube)       |
| ➔ Ambient and fluid temperature | 0~60°C(No freezing) |
| ➔ Angle adjustment range        | 0~190°C             |
| ➔ Maximum rotation              | 190°C               |

### XHZ2/XHC2 Series pneumatic gripper



- Fluid Air
- Max.pressure MPa 0.7MPa
- Max.operating frequency (Rubber bumper)
- Repeatability Precision(mm) +1.4 (mm)
- \*Lubrication Not required

### XHL2 Series pneumatic gripper



- Fluid Air
- Motion Pattern Double-Acting
- Max.pressure Mpa(kgf/cn2) 0.6(6.1)
- Ambient and fluid temperature -10~60°C
- Repeatability Precision(mm) ±0.1mm

## **XHT2 Series pneumatic type**



- ➔ Motion Pattern Double acting
- ➔ Fluid Air
- ➔ Operating Voltage Range 0.1~0.6 MPa
- ➔ Ambient and fluid temperature 5~60°C
- ➔ Lubrication Not required

## **CY1 Series rodless cylinder**



- ➔ Working Medium Air
- ➔ Motion Pattern Double action
- ➔ Ensured Pressure 10.5kgf/cm<sup>2</sup>(1.05Mpa)
- ➔ Resistance
- ➔ Max.pressure 7.1kgf/cm<sup>2</sup>(0.7Mpa)
- ➔ Min.pressure 1.8kgf/cm<sup>2</sup>(0.18Mpa)

## **Special cylinder**



Our company has R&D department,can research,develop and produceall kinds of cylinders with advanced technology and sufficient professional experience. We can research and develop new products accordin g tocustomer's drawing, and strive all products for excellence. If you have new product to develop,pls don't hesitate to contact us,we will try our best to help you.