


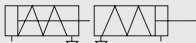


Air Cylinder Series AS

Bore Size: $\phi 20$, $\phi 25$, $\phi 30$, $\phi 40$

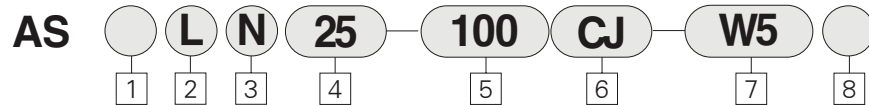


- Long life
- Position sensors
- Corrosion resistant aluminum
- Bumper equipped (air cushion optional)

| Action | Series | Bore Size (mm) | Port Size Rc(PT) | Standard Stroke(mm)* | Operating Pressure kgf/cm ² (psi) |
|--|--------|----------------|------------------|--|--|
|  Double Acting/Single Rod | AS | $\phi 20$ | 1/8 | 25, 50, 75, 100, 125, 150, 200, 250, 300 | 0.5~9.9(7~140) |
| | | $\phi 25$ | | | |
| | | $\phi 30$ | 1/4 | | |
| | | $\phi 40$ | | | |
|  Double Acting/Double Rod | ASW | $\phi 20$ | 1/8 | 25, 50, 75, 100, 125, 150, 200, 250, 300 | 0.5~9.9(7~140) |
| | | $\phi 25$ | | | |
| | | $\phi 30$ | 1/4 | | |
| | | $\phi 40$ | | | |
|  Double Acting/Non-Rotating Piston Rod | ASK | $\phi 20$ | 1/8 | 25, 50, 75, 100, 125, 150, 200, 250, 300 | 0.5~9.9(7~140) |
| | | $\phi 25$ | | | |
| | | $\phi 30$ | 1/4 | | |
| | | $\phi 40$ | | | |
|  Single Acting/Single Rod | AS-S | $\phi 20$ | 1/8 | 25, 50, 75, 100, 125, 150 | 1.8~9.9(25~140) |
| | | $\phi 25$ | | 25, 50, 75, 100, 125, 150 | |
| | | $\phi 30$ | 1/4 | 25, 50, 75, 100, 125, 150, 200 | |
| | | $\phi 40$ | | 25, 50, 75, 100, 125, 150, 200, 250 | |

* Long stroke for double action : 301 mm or more

How to Order



1 Series (Built-in Magnet)

Blank : Double Acting/Single Rod
 W : Double Acting/Double Rod
 K : Double Acting/Non-Rotating Rod

2 Mounting

B : Basic Type
 L : Foot Mount
 F : Front Flange
 G : Rear Flange
 C : Single Clevis
 D : Double Clevis
 T : Rear Trunnion
 U : Front Trunnion

3 Type

Blank : Lubricated
 N : Non-Lube

H : Low pressure Hydraulic
 A : Air-Cushion
 (Non-Lube Type Only)

4 Bore Size (mm)

20 : $\phi 20$
 25 : $\phi 25$
 30 : $\phi 30$
 40 : $\phi 40$

5 Stroke (mm)

※ Refer to the upside table

6 Suffix Symbol for Cylinder

Rod Boot J : Nylon Tarpaulin (JJ:Double)
 K : Neoprene Cloth (JJ:Double)

Action S : Single acting (Spring Return)

※ Cushion C : Rubber Cushion
 Single acting type cannot be accepted

7 Applicable Auto switches

Blank : Without Auto Switch
 W5 : Reed Switch (Lead Wire of 0.5m)
 W5L : Reed Switch (Lead Wire of 3m)

8 Number of Switches

Blank: 2 pcs
 S : 1 pc
 # : Enter Required Number of Switches.

Order Made Option

- XC 8 : Adjustable Stroke / Extension Adjustable Type
- XC 9 : Adjustable Stroke / Retraction Adjustable Type
- XC10 : Dual Stroke Cylinder / Double Rod Type
- XC11 : Dual Stroke Cylinder / Single Rod Type
- T : Single Acting Spring Extended
- XB6 : High Temperature Cylinder
- XC1 : Boss Cut
- X105 : Cap End Lock Cylinder
- XC6 : Stainless Steel Rod
- XC12 : Tandem Air Cylinder

Specifications/Standard Type

| Type | Lubricated, Non-Lube | Air-Hydro |
|-------------------------------|---|--------------------------------|
| Medium | Air | L.P Oil |
| Proof Pressure | 15kgf/cm ² (213psi) | |
| Max. Operating Pressure | 9.9kgf/cm ² (140psi) | |
| Min. Operating Pressure | Double Acting | 0.5kgf/cm ² (7psi) |
| | Single Acting | 1.8kgf/cm ² (25psi) |
| Ambient and Fluid Temperature | 5~60°C (40~140 °F) | |
| Piston Speed | 50~500 mm/s | 0.5~300 mm/s |
| Cushion | None (Rubber Cushion, Air Cushion Optional) | |
| Stroke Tolerance (mm) | ~250 : $\begin{matrix} +1.0 \\ 0 \end{matrix}$, 251~500 : $\begin{matrix} +1.4 \\ 0 \end{matrix}$ | |
| Mounting | Basic, Foot, Front Flange, Rear Flange, Single Clevis, Double Clevis, Rear Trunnion, Front Trunnion | |