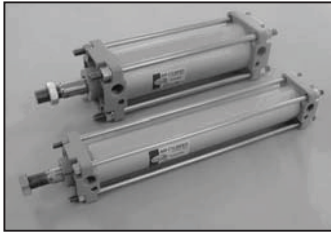


Air Cylinder Series AM

Bore Size: ϕ 40, ϕ 50, ϕ 63,
 ϕ 80, ϕ 100

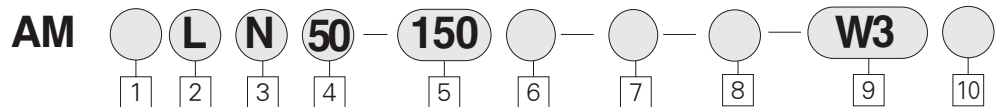


- Built-in air cushion
- Designed for long life & high speed
- Wide stroke & bore sizes available

| Action | Series | Bore Size (mm) | Port Size Rc(PT) | Standard Stroke (mm) | Type | Operating Pressure kgf/cm ² (psi) ¹⁾ |
|---|--------|----------------|------------------|----------------------|--|--|
| Double Acting/Single Rod | AM | ϕ 40 | 1/4 | ~500 | · Lubricated · Non-Lubricated · Low Pressure Hydraulic | 0.5~9.9(7~140) |
| | | ϕ 50 | 3/8 | ~600 | | |
| | | ϕ 63 | 3/8 | ~600 | | |
| | | ϕ 80 | 1/2 | ~700 | | |
| | | ϕ 100 | 1/2 | ~700 | | |
| Double Acting/Double Rod | AMW | ϕ 40 | 1/4 | ~500 | · Lubricated · Non-Lubricated · Low Pressure Hydraulic | 0.5~9.9(7~140) |
| | | ϕ 50 | 3/8 | ~600 | | |
| | | ϕ 63 | 3/8 | ~600 | | |
| | | ϕ 80 | 1/2 | ~700 | | |
| | | ϕ 100 | 1/2 | ~700 | | |
| Double Acting/ Non-Rotating Piston Rod | AMK | ϕ 40 | 1/4 | ~500 | · Non-Lubricated | 0.5~9.9(7~140) |
| | | ϕ 50 | 3/8 | ~600 | | |
| | | ϕ 63 | 3/8 | ~600 | | |

*1. In case of spring extended type, min. Operating pressure is 1.0~9.9 kgf/cm²(14~140psi)

How to Order



1 Series

(Built-in Magnet)
Blank: Double Acting/Single Rod
W : Double Acting/Double Rod Type
K : Non-Rotating Piston Rod Type

2 Mounting

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

3 Type

N : Non-Lubricated(BASIC)
H : Low Pressure Hydraulic
F : Iron Tube

4 Bore Size(mm)

40 : ϕ 40
50 : ϕ 50
63 : ϕ 63
80 : ϕ 80
100 : ϕ 100

5 Stroke(mm)

※ Refer to the upside table

6 Rod Boot Option

Blank : None
Rod Boot / J : Nylon Tarpaulin (JJ:Double)
K : Neoprene Cloth (KK:Double)

7 Cushion

Blank : Both End
N : None

H : Head End

R : Rod End

※ Low Pressure Hydraulic : Standard type is without cushion.

8 Special Option

Blank : Standard Type
XC16 : Copper-Free

9 Applicable Auto Switches

Blank : Without Auto Switch
W3 : Reed Switch(Lead Wire of 0.5m)
W3L : Reed Switch(Lead Wire of 3m)

10 Number of Switches

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

Order Made Option

- XC 8 : Adjustable Stroke Cylinder / Extension Adjustable Type
- XC 9 : Adjustable Stroke Cylinder / Retraction Adjustable Type
- XC10 : Dual Stroke Cylinder / Double Rod Type
- XC11 : Dual Stroke Cylinder / Single Rod Type
- XC4 : With Scraper
- XB5 : Oversized Rod
- X105 : Cap End Lock Cylinder
- XC12 : Tandem Type Air Cylinder
- XB6 : High Temperature Cylinder
- XC6 : Stainless Steel Rod
- X104 : With Coil Scraper

Specifications / Standard Type

| Type | Lube, Non-lube | |
|-------------------------------|--|---------------------------------|
| | Air | Low Pressure Hydraulic |
| Fluid | L.P.Oil | |
| Proof Pressure | 15kgf/cm ² (213 psi) | |
| Max. Operating Pressure | 9.9kgf/cm ² (140 psi) | |
| Min. Operating Pressure | 0.5kgf/cm ² (7 psi) | 1.0kgf/cm ² (14 psi) |
| Ambient and Fluid Temperature | 5~60°C (40~140 °F) | |
| Piston Speed | 50~500mm/s | 0.5~300mm/s |
| Cushion | Air Cushion | Not Available |
| Stroke Tolerance (mm) | ~250 : ^{+1.0} / ₀ , ~251~1,000 : ^{+1.4} / ₀ , 1,001~1,500 : ^{+1.8} / ₀ | |
| Mounting | Basic, Foot, Front Flange, Rear Flange, Single Clevis, Double Clevis, Center Trunnion | |