

Low-Pressure Hydraulic Cylinder

Model:10H-2

Full Product Description

The 10H-2 series is a low-pressure hydraulic cylinder that is ideal for combination with an air oil unit. Bronze alloy is used for the ground part, and wear ring is used for the piston. Asymmetrical U packing with good stability is used for the sliding part seal.

Markets:

- General Industry
- Machine Tools

Applications:

- General Industry
- Factory Automation
- Conveyance
- Assembly

Features/Benefits:

- A durable cylinder with an iron body.
- A wide variety of support brackets and mounting styles are available.
- The maximum standard stroke production range is 2,000 mm.
- Port and cushion valve position can be changed and arranged.

Technical Specifications

Bore Diameter:	φ32,φ40,φ50,φ63,φ80,φ100,φ125,φ160,φ180,φ200,φ250	Fluid Type:	Oil, Water based fluid
Maximum Operating Pressure:	1 MPa	Proof Pressure:	1.5MPa
Minimum Operating Pressure:	0.1 MPa	Operating Speed:	8 to 300mm/s
Operating Temperature:	-10 to +80°C(No freezing) °C	Cushioning Type:	None Use the piston contact speed 50mm/s or less with end cover.
Thread Tolerance:	JIS 6g/6H	Stroke Tolerance:	0 to 250mm:0 to +1.0 251 to 1000mm:0 to +1.4 1001 to 2000mm:0 to +1.8
Mounting Type:	SD, LB, FA, FB, CA, CB, CC(φ125 to φ250), CD(φ125 to φ250), TA, TC	Rod End Type:	Rod eye(T-end), Rod eye(S-end)with spherical bearing(φ32 to φ100), Rod clevis(Y-end)with pin, Floating joint(φ32 to φ160)(F-end:Do not use together with Mounting style CA, CB, CC, CD, TA and TC accessories.)
Bellows Material:	Boots Standard:Nylon tarpaulin, Semi-standard:Chloroprene,Conex	Accessories Included:	• CB bracket• CD bracket(φ125 to φ250), TA, TC bracket