3.5MPa Compact Design Hydraulic Cylinder Model:35S-1

Full Product Description

The 35S-1 series is compact hydraulic cylinder with 3.5MPa specifications. Hydrogenated nitrile rubber, which has good wear resistance, is used as the standard sealing material. The standard type can be used up to an ambient temperature of 70 ℃. A special copper alloy is used for the bearings, which are important for hydraulic cylinders. We also have bore size from φ20 to φ63. The switch set mounting switch can be set to any position by sliding.

Markets:
- Industrial
- Processing

Applications:
- Factory Automation
- Machine Tools
- Molding
- Food & Beverage
- Plastic Processing

Features/Benefits:
- Configurable in 1mm stroke increments.
- The rod end can be selected from two female and male screw specifications.

Technical Specifications

Bore Diameter:	φ20,φ25,φ32,φ40,φ50,φ63	**Seal Material:**	6:HNBR
Operating Pressure:	3.5MPa	**Maximum Operating Pressure:**	4 MPa
Proof Pressure:	5MPa	**Minimum Operating Pressure:**	φ20 to φ32:0.15 φ40 to φ63:0.1 MPa
Operating Speed:	8 to 100mm/s RPM	**Operating Temperature:**	-10 to +70℃(No freezing) (ambient/fluid temperature) °C
Cushioning Type:	None	**For Fluid Type:**	Petroleum-based fluid(When using another fluid,give us such instructions.)
Thread Tolerance:	JIS 6H/6g	**Stroke Tolerance:**	0 to +1.0mm
Body Material:	Aluminum alloy	**Mounting Type:**	SD
Rod End Thread Type:	Female thread and male thread		