

10MPa Small-bore Hydraulic Cylinder

Model:100Z-1

Full Product Description

The 100Z-1 series is a 10MPa specification round type hydraulic cylinder with a cushion. of $\phi 20$ to $\phi 32$. The newly designed cushion valve makes it easy to adjust the cushion. The cylinder-mounted switch can be selected from contact type and non-contact type.

Markets:

- General Industry
- Factory Automation
- Entertainment Automation
- Machine Tools

Applications:

- General Industry
- Factory Automation
- Machine Tools

Features/Benefits:

- 4 standard mounting styles.
- Maximum operating speed of 500mm/s possible.
- Standard stroke is up to 850mm.
- Magnetic proximity switch specifications are also available.

Technical Specifications

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Bore Diameter:	φ20,φ25,φ32 mm	Seal Material:	1:Nitrile rubber 6:HNBR
Operating Pressure:	10MPa	Maximum Operating Pressure:	12 MPa
Proof Pressure:	15MPa	Minimum Operating Pressure:	0.3MPa or less MPa
Operating Speed:	8 to 500mm/s(excluding cushion)(Cylinders without cushion:8 to 100mm/s or less)	Operating Temperature:	-10 to +80°C(No freezing) (ambient/fluid temperature) °C
Cushioning Type:	Metal fitting system (floating cushion)	For Fluid Type:	Petroleum-based fluid(When using another fluid,give us such instructions.)
Thread Tolerance:	JIS 6g/6H	Stroke Tolerance:	0 to 100mm:0 to +0.8 101 to 250mm:0 to +1.0 251 to 500mm:0 to +1.25 501 to 850mm:0 to +1.4
Body Material:	Carbon steel for machine structural use	Mounting Type:	SD,LB,FA,CA
Rod End Type:	•Rod eye(T-end),Rod clevis(Y-end)with pin,Floating joint(F-end:Do not use together with Mounting style CA accessories.)		