

21MPa Compact Design Hydraulic Cylinder

Model:210S-1

Full Product Description

The 210S-1 series is compact hydraulic cylinder that can be equipped with a magnetic proximity switch with 21MPa 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 120°C, and the switch set can be used up to 100 °C. A special copper alloy is used for the bearings, which are important for hydraulic cylinders. We also have bore size from $\phi 20$ to $\phi 80$. 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 tip can be selected from two male screw specifications and male screw specifications.
- Fatigue test and pressure resistance test have been performed to confirm the strength.

Technical Specifications

Bore Diameter:	φ32,φ40,φ50,φ63,φ80	Seal Material:	3:Fluorocarbon 6:HNBR
Operating Pressure:	21MPa	Maximum Operating Pressure:	21 MPa
Proof Pressure:	31.5MPa	Minimum Operating Pressure:	0.3 MPa
Operating Speed:	8 to 100mm/s	Operating Temperature:	-10 to +120°C(No freezing)(ambient 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 +0.8mm
Body Material:	Carbon steel for machine structural use	Mounting Type:	SD
Rod End Thread Type:	Female thread and male thread		