

# Double Acting 2-stage 2 Telescopic Cylinder

## Model:70T-2

### Full Product Description

The 70T-2 series is a 7MPa double-acting non-constant velocity two-stage telescopic cylinder. 2-stage stroke cylinders require shorter installation space in the axial direction. An orifice type damping mechanism is used for the cushion to reduce shock.

#### Markets:

- General Industry
- Transportation
- Construction
- Factory Automation
- Miscellaneous Manufacturing

#### Applications:

- General industry
- Presses
- Factory Automation
- Machine tools
- Transport machinery
- Conveyance

#### Features/Benefits:

- The cover is supported by a welded tube flange structure for high durability.
- Fixed cushions at both stroke ends.
- Uniform rod action is available to configure hydraulic circuit.
- Switch set is also supported.
- Has many years of sales experience.

## Technical Specifications

<b>Bore Diameter:</b>	Type 10:1st stageφ63,2nd stageφ45 Type 20:1st stageφ90,2nd stageφ65 Type 30:1st stageφ110,2nd stageφ80 Type 40:1st stageφ125,2nd stageφ90 Type 50:1st stageφ140,2nd stageφ100 mm	<b>Seal Material:</b>	1:Nitrile rubber(Standard)3:Fluorocarbon
<b>Operating Pressure:</b>	7MPa	<b>Maximum Operating Pressure:</b>	Rod cover side:15 Cap cover side:9 MPa
<b>Proof Pressure:</b>	Rod cover side:21MPa Cap cover side:14MPa	<b>Minimum Operating Pressure:</b>	Rod cover side:0.6 Cap cover side:0.3 MPa
<b>Operating Speed:</b>	Type 10:10 to 166mm/s Type 20:10 to 150mm/s Type 30:10 to 140mm/s Type 40:10 to 128mm/s Type 50:10 to 118mm/s	<b>Operating Temperature:</b>	Ambient temperature:-10 to +50°C(no freezing)Fluid temperature:-5 to +80°C (no freezing) °C
<b>Cushioning Type:</b>	Fixed cushions at both ends	<b>For Fluid Type:</b>	Petroleum-based fluid(When using another fluid,give us such instructions.)
<b>Thread Tolerance:</b>	JIS 6g/6H	<b>Stroke Tolerance:</b>	0 to 1000mm:0 to +2.8 1001 to 1600mm:0 to +3.2 1601 to 2500mm:0 to +3.6 2501 to 3100mm:0 to +4.0
<b>Mounting Type:</b>	LA,LT,FA,FB,CA,TA,TB		