

Single Acting Uniform Speed 2-stage Telescopic Cylinder Model:TTC-1

Full Product Description

The 70T-2 series is a 10MPa single-acting constant-velocity two-stage telescopic cylinder. 2-stage stroke cylinders require shorter installation space in the axial direction. Each stage operates at the same time. The tip of the 2nd stage rod is twice as fast as the 1st stage rod and the speed is constant. 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

Bore Diameter:	Type 15:φ63 Type 31:φ90 Type 47:φ110 Type 61:φ125 Type 77:φ140 Type 100:φ160 Type 127:φ180 Type 173:φ210 Type 245:φ250 mm	Seal Material:	1:Nitrile rubber(Standard)3:Fluorocarbon
Operating Pressure:	7MPa	Maximum Operating Pressure:	Cap cover side:10 MPa
Proof Pressure:	Cap cover side:14MPa	Minimum Operating Pressure:	0.3 MPa
Operating Speed:	Type 15:20 to 333mm/s Type 31:20 to 300mm/s Type 47:20 to 280mm/s Type 61:20 to 257mm/s Type 77:20 to 250mm/s Type 100 to 245:20 to 220mm/s	Operating Temperature:	Ambient temperature:-10 to +50°C(no freezing)Fluid temperature:-5 to +80°C (no freezing) °C
Cushioning Type:	Fixed cushions at both ends	For Fluid Type:	Petroleum-based fluid(When using another fluid,give us such instructions.)
Thread Tolerance:	JIS 6g/6H	Stroke Tolerance:	0 to 1000mm:+5.0 to +7.8 1001 to 1600mm:+5.0 to +8.2 1601 to 2500mm:+5.0 to +8.6 2501 to 4000mm:+5.0 to +9.0 4001 to 6300mm:+5.0 to +11.3 6301 to 8900mm:+5.0 to +13.0
Mounting Type:	LA,FA,FB,CA,TA,TB		