

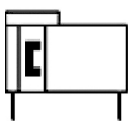


MY1H-Z, Mechanically Jointed Rodless Cylinder, Linear Guide Type, w/o Stroke Adjustment Unit MY1H40TF-600WZ

Datasheet

General series information

- w/o Stroke Adjustment Unit
- Easy adjustment of the cushion needle.
- Entrance of external particle is reduced, reliability improved and maintenance costs reduced.
- Piping flexibility because it can be connected in 4 directions and it can be selected from 2 types (standard and centralised).
- Flexibility in the auto switch mounting.

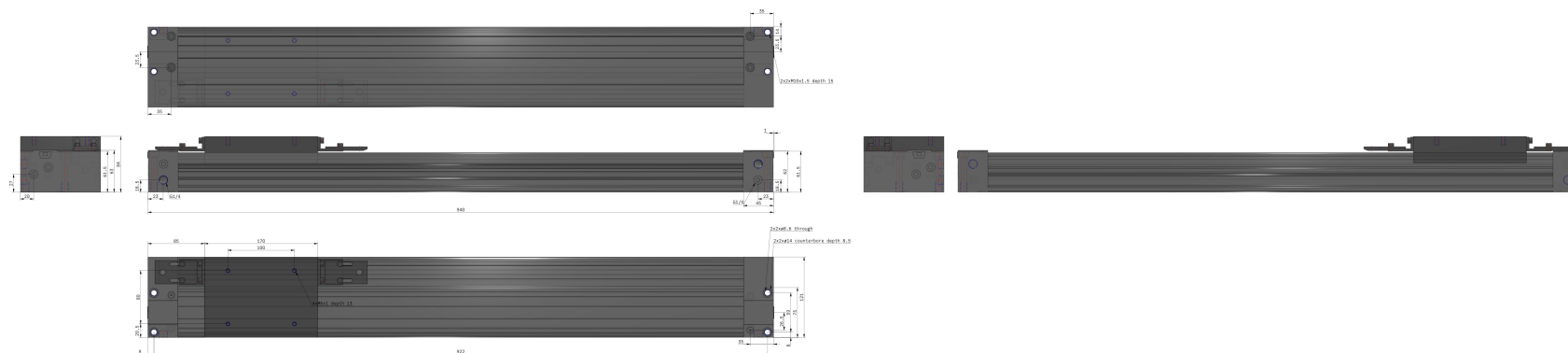


Mechanically Jointed Rodless Cylinder

Standard specifications

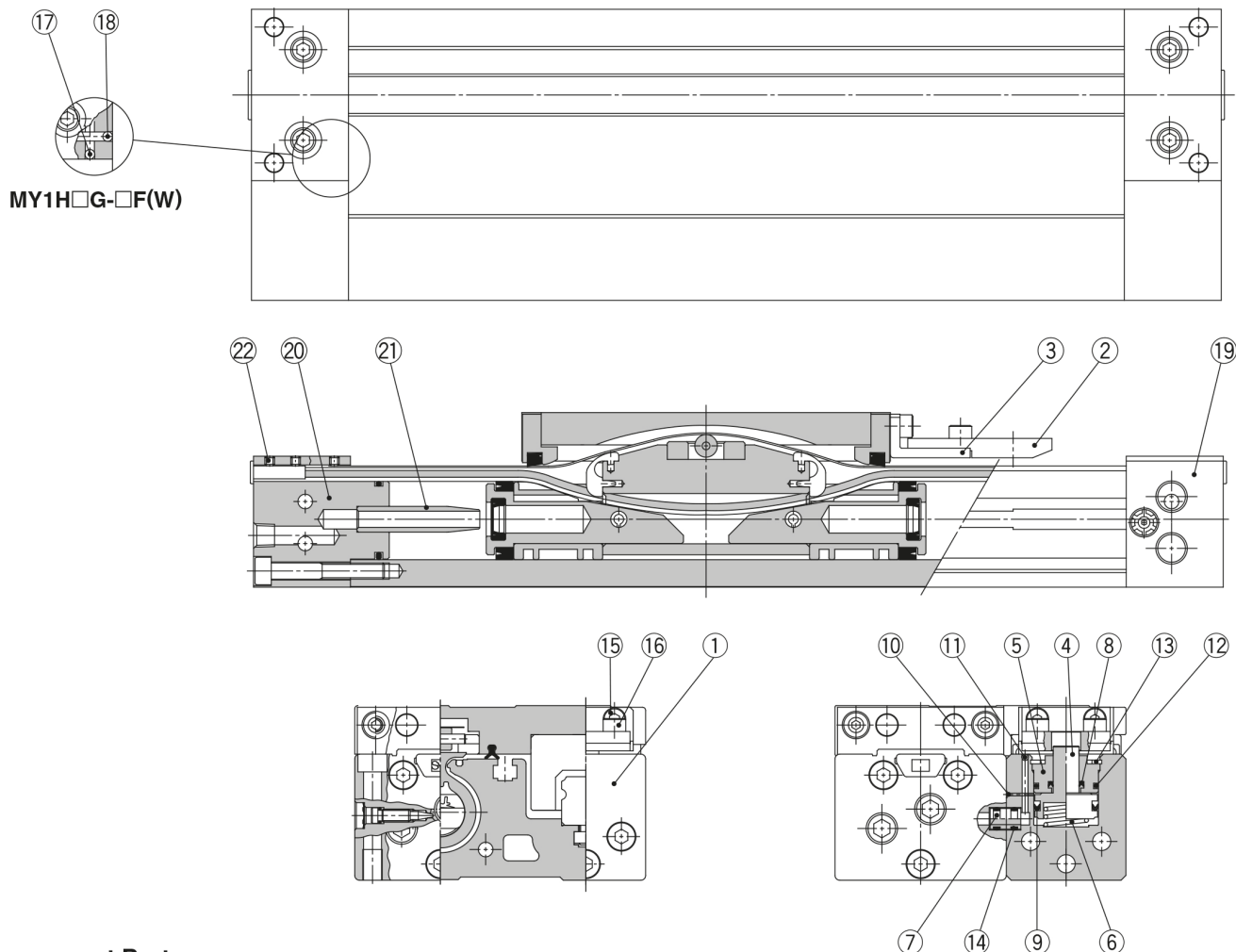
Bore Size	40 mm
Thread	TF (G)
Piping	Standard Type
Stroke	600
Stroke Adjustment Unit	Left: w/o Unit; Right: w/o Unit
End Lock Position	W (Both Ends)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Made to Order	None
Pressure medium	Compressed air
Maximum temperature of pressure medium	60 °C
Maximum temperature of pressure medium with magnet	60 °C
Minimum temperature of pressure medium	5 °C
Minimum temperature of pressure medium with magnet	5 °C
Maximum operating pressure	0.8 MPa
Minimum operating pressure	0.1 MPa

Proof pressure	1.2 MPa
Maximum ambient temperature	60 °C
Maximum ambient temperature with magnet	60 °C
Minimum ambient temperature	5 °C
Minimum ambient temperature with magnet	5 °C
Pneumatic input connection	G 1/4
Mode of operation of drive single	Double Acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	628 N
Maximum piston speed	1000 mm/s
Type of cushioning	Air Cushion
Number of pneumatic connections	2 pcs.
Usable tubing material	PU



Constructions

End lock



Component Parts

No.	Description	Material	Note
1	Locking body	Aluminium alloy	Painted
2	Lock finger	Carbon steel	After quenching, nickel plated
3	Lock finger bracket	Rolled steel	Nickel plated
4	Lock piston	Carbon tool steel	After quenching, electroless nickel plated
5	Rod cover	Aluminium alloy	Hard anodised
6	Return spring	Spring steel	Zinc chromated
7	Bypass pipe	Aluminium alloy	Hard anodised
10	Steel ball	High carbon chromium bearing steel	
11	Steel ball	High carbon chromium bearing steel	
13	Inverted internal retaining ring	Carbon tool steel	Nickel plated
15	Hexagon socket head cap screw	Chromium molybdenum steel	Chromated
16	Hexagon socket head cap screw	Chromium molybdenum steel	Chromated
17	Steel ball	High carbon chromium bearing steel	
18	Steel ball	High carbon chromium bearing steel	
19	Head cover WR	Aluminium alloy	Painted
20	Head cover WL	Aluminium alloy	Painted
21	Cushion ring	Aluminium alloy	
22	Hexagon socket head set screw	Chromium molybdenum steel	Chromated

Additional information

Catalogue

[MY1H-A_EU.pdf](#)

Operation manuals

[OM_MY1_OM0009QEN.pdf](#)