

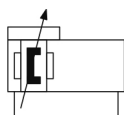


MY2C, Mechanical Joint Rodless Cylinder, Cam Follower Guide, w/o Stroke Adjustment Unit MY2C16G-500

Datasheet

General series information

- w/o Stroke Adjustment Unit
- Mechanically joint rodless cylinder
- Cam follower guide type
- Bore sizes (mm): 16, 25, 40
- Thread types: M, Rc, NPT, G
- Maximum standard stroke: 2000mm
- Auto switch capable



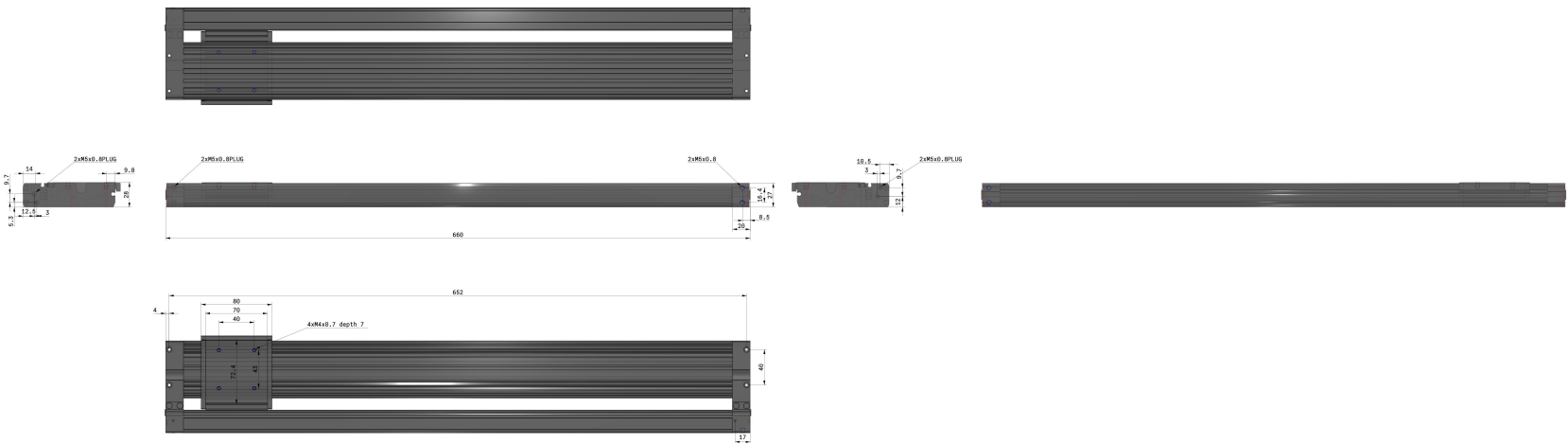
Rodless cylinder mechanically joint with adjustable cushion

Standard specifications

Bore Size	16 mm
Port Thread	M Thread (ø16) Rc threads (ø25, ø40)
Stroke	500
Stroke Adjustment Unit	Left: w/o Unit; Right: w/o Unit
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	Air; Air
Maximum temperature of pressure medium	60 °C; 60 °C
Minimum temperature of pressure medium	5 °C; 5 °C
Maximum operating pressure	0.8 MPa
Minimum operating pressure	0.15 MPa
Proof pressure	1.2 MPa
Maximum ambient temperature with magnet	60 °C; 60 °C
Minimum ambient temperature with magnet	5 °C; 5 °C

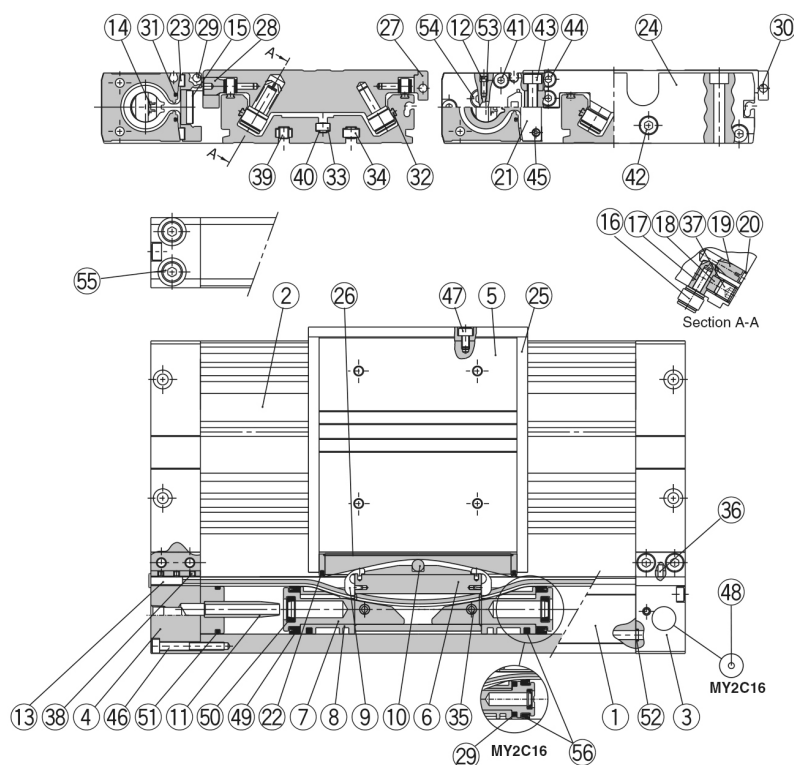
Conform to the European RoHS Directive	Conform
Number of pneumatic connections	4 pcs.
Pneumatic input connection	M5
Pneumatic exhaust connection	M5
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	100 N
Maximum piston speed	1000 mm/s
Type of cushioning	Air Cushion
Minimum piston speed	100 mm/s
Lubrication	Non-lube
Weight	2.350 Kg

Dimensions



Constructions

MY2C



Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminium alloy	Hard anodised
2	Body	Aluminium alloy	Hard anodised
3	Head cover WR	Aluminium alloy	Hard anodised
4	Head cover WL	Aluminium alloy	Hard anodised
5	Slide table	Aluminium alloy	Hard anodised
6	Piston yoke	Aluminium alloy	Hard anodised
7	Piston	Aluminium alloy	Chromated
8	Wear ring	Special resin	
9	Belt separator	Special resin	
10	Parallel pin	Stainless steel	
11	Cushion ring	Aluminum alloy	Anodized
12	Cushion needle	Rolled steel	Nickel plated
13	Belt clamp	Special resin	
16	Cam follower	—	
17	Eccentric gear	Stainless steel	
18	Gear fixture	Stainless steel	
19	Adjustment gear	Stainless steel	
20	Retaining ring	Stainless steel	
21	End cover	Aluminium alloy	Hard anodised
23	Bearing	Special resin	
24	End plate	Aluminium alloy	Hard anodised
25	Stopper	Carbon steel	Nickel plated after quenching
26	Top cover	Stainless steel	
27	Side cover	Aluminium alloy	Hard anodised

No.	Description	Material	Note
28	Cam follower cap	Aluminium alloy	Hard anodised
29	Magnet	—	
30	Magnet	—	
31	Seal magnet	Rubber magnet	
32	Rail	Hard steel wire material	
33	Square nut	Carbon steel	Chromated
34	Square nut	Carbon steel	Chromated
35	Spring pin	Carbon tool steel	
36	Parallel pin	Stainless steel	
37	Hexagon socket set screw	Chrome molybdenum steel	Black zinc chromated
38	Hexagon socket set screw	Chrome molybdenum steel	Black zinc chromated
39	Hexagon socket set screw	Chrome molybdenum steel	Chromated
40	Hexagon socket set screw	Chrome molybdenum steel	Chromated
41	Hexagon socket head cap screw	Chrome molybdenum steel	Chromated
42	Hexagon socket head cap screw	Chrome molybdenum steel	Chromated
43	Hexagon socket head cap screw	Chrome molybdenum steel	Chromated
44	Hexagon socket head cap screw	Chrome molybdenum steel	Chromated
45	Hexagon socket head cap screw	Chrome molybdenum steel	Chromated
46	Hexagon socket head cap screw	Chrome molybdenum steel	Chromated
47	Hexagon socket head cap screw	Chrome molybdenum steel	Chromated
48	Steel ball	Spring steel	Nickel plated
54	Hexagon socket head (taper) plug	Carbon steel	Chromated
55	Hexagon socket head (taper) plug	Carbon steel	Chromated
56	Lube retainer	Special resin	

Additional information

Catalogue	MY2-Bb_EU.pdf
Operation manuals	OM_MY2_OM0011QEN.pdf