

MGJ, Miniature Guide Rod Cylinder MGJ6-5

Datasheet

General series information

- Miniature guide rod Cylinder
- Bore sizes (mm): 6, 10
- Strokes up to 20 mm.



Double-acting cylinder, rear boss mount, single piston rod

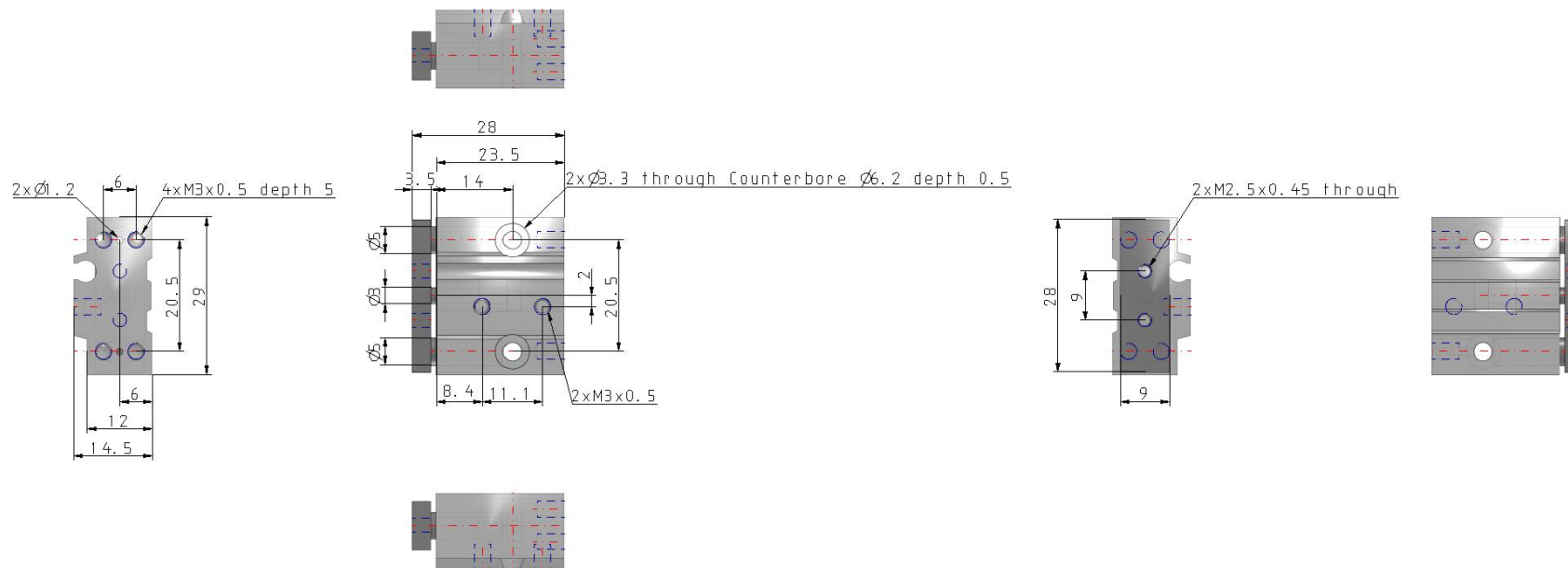
Standard specifications

Bore Size	6mm
Stroke	5mm
Auto Switch	None
Lead Wire	05 M Lead Wire (or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Pressure medium	Air
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.15 MPa
Proof pressure	1.05 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	- 10 °C
Conform to the European RoHS Directive	Conform
Maximum piston speed	500 mm/s
F040-Typ_of_cush	Rubber bumper at both ends
Minimum piston speed	50 mm/s
Port size	M3
Lubrication	Non-lube
Stroke length tolerance	+ 1.0-0 mm
Thread Tolerance	JIS class 2
Action	Double Acting

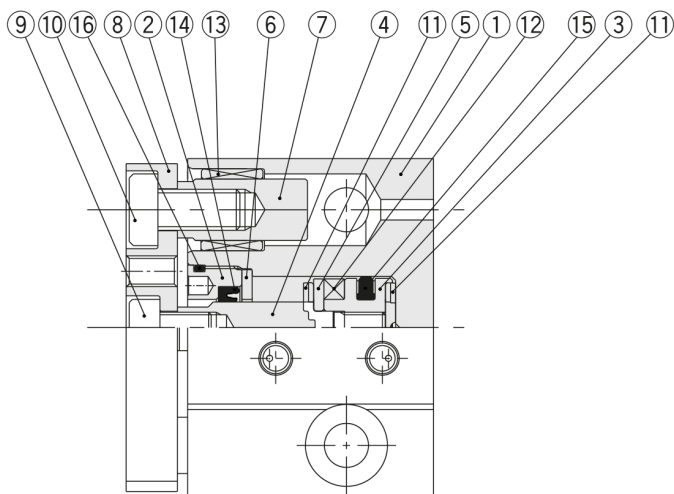
Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Guide size	ø5
Weight	0.027 Kg

Dimensions



Constructions



Parts list

No.	Description	Material	Note
1	Body	Aluminum alloy	Hard anodized
2	Rod cover	Aluminum alloy	Chromated
3	Piston	Aluminum alloy	Chromated
4	Piston rod	Stainless steel	
5	Magnet retainer	Aluminum alloy	Chromated, in case of Ø 6
		Stainless steel	In case of Ø 10
6	Seal retainer	Aluminum alloy	Chromated, in case of Ø 6
		Stainless steel	In case of Ø 10
7	Guide rod	Constructional steel	Hard chromium electroplated
8	Plate	Aluminum alloy	Hard anodized
9	Torque socket head bolt	Constructional steel	Nickel plated, in case of Ø 6
	Hexagon socket head cap screw	Constructional steel	Nickel plated, in case of Ø 10
10	Brazier head hexagon socket bolt	Constructional steel	Nickel plated
11	Bumper	Resin	
12	Magnet	Magnet	
13	Bushing	Sintered oil-impregnated bearing	
14	Rod seal	NBR	
15	Piston seal	NBR	
16	O-ring	NBR	

Additional information

Catalogue

[MGJ_EU.pdf](#)

Operation manuals

[OM_MGJ_OM0001OEN.pdf](#)