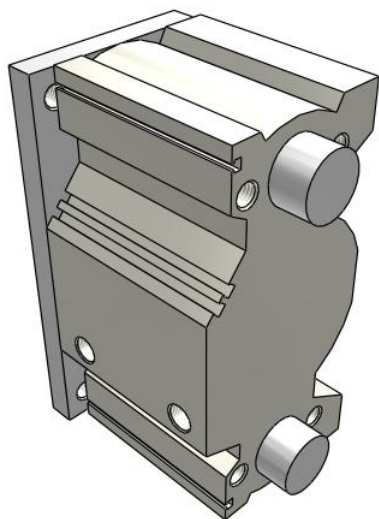


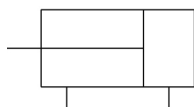


MGQM (ø40 to ø100), Compact Guide Cylinder, Slide Bearing MGQM100TF-50

Datasheet

General series information

- Compact guide cylinder
- Bore sizes: 40, 50, 63, 80, 100 (mm)
- Strokes from 5mm through 200mm depending upon bore size
- Variety of switches and a variety of lead wire lengths.



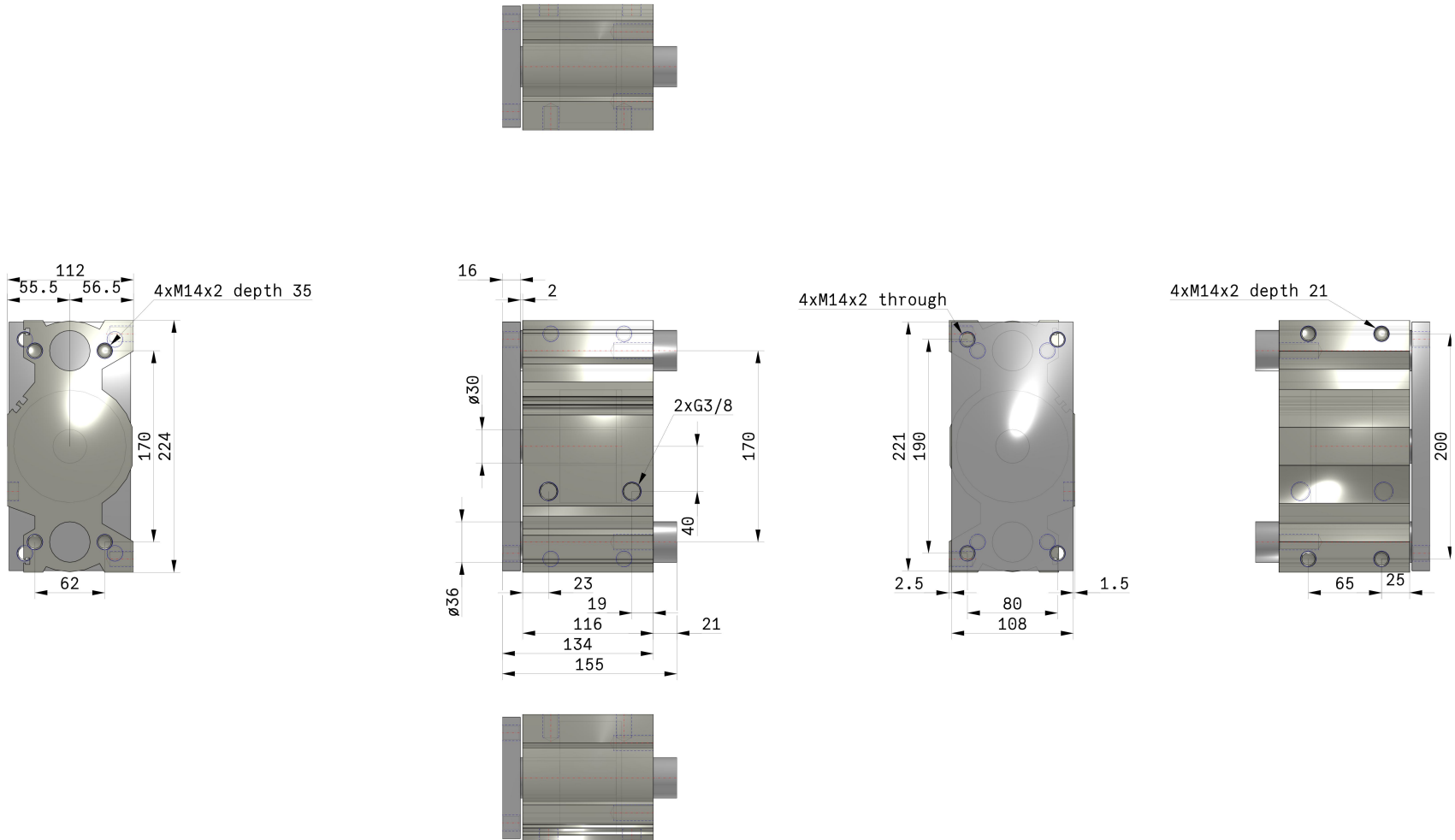
Double-acting, single-rod cylinder

Standard specifications

Bore Size	100 mm
Thread Type	TF (G)
Stroke	50
Auto Switch	No Switch
Lead Wire or Pre-wired Connector	0.5 m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in Case of No Switch)
Rod End Options	None
Temperature Resistance	None
Low speed	None
Fluororubber Seal	None
Pressure medium	Air
Maximum temperature of pressure medium	60 °C
Minimum temperature of pressure medium	-10 °C (No freezing)
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.1 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-10 °C (No freezing)
Number of pneumatic connections	2 pcs.

Pneumatic input connection	G 3/8
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	3927 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	3574 N
Maximum piston speed	400 mm/s
Type of cushioning	Rubber bumper on both ends
Minimum piston speed	50 mm/s
Non-rotating accuracy of plate	$\pm 0.04^\circ$
Lubrication	Non-lube
Weight	10.270 Kg

Dimensions



Additional information

Catalogue

[MGQ_EU.pdf](#)