

C(D)76, Air Cylinder, Double Acting, Single Rod CD76E40-25-B

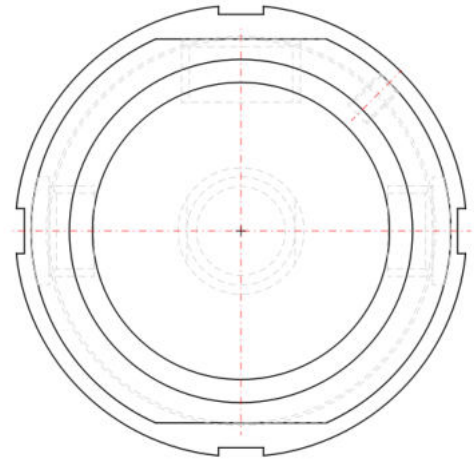
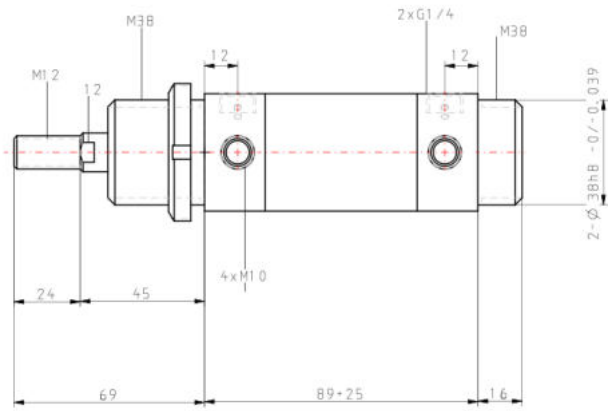
Adatlap

The C76 series air cylinders offer a simple, space saving design with high dimensional accuracy, making these cylinders very easy to use. Large spanner flats on the rod and head covers greatly simplify their installation and positioning. Low friction and the standard elastomer cushion rings allow piston speeds up to 1500mm/sec. Greater side loads are allowed due to the close tolerance of the piston rod in the front-end bush.

Standard Specifications

Magnet	Built-in
Mounting	Double End
Bore Size	40mm
Stroke	25 mm
Cushion	Rubber Cushion
Rod Boot	Standard
Switch Mounting	Band
Autoswitch	No Switch
Number	2 pcs. [Or None in the Case of No Switch]
Pressure medium	Compressed Air
Maximum temperature of pressure medium	80 °C
Maximum temperature of pressure medium with magnet	60 °C
Minimum temperature of pressure medium	-20 °C [without condensation]
Minimum temperature of pressure medium with magnet	-10 °C [without condensation]
Maximal operating pressure	1.0 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature	80 °C
Maximum ambient temperature with magnet	60 °C
Minimum ambient temperature	-20 °C
Minimum ambient temperature with magnet	-10 °C
Number of pneumatic connections	2 pcs.
Pneumatic input connection	G 1/4
Pneumatic output connection	G 1/4
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	628 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	551 N
Maximum piston speed	1500 mm/s
Type of cushioning	Rubber Bumper
Piston rod end	Male Thread
Geometric form of the piston rod	Single rod
Malethread of rod end	M12
Weight	0.721 kg

Dimensions



Additional information

Catalogue

[VDMA-C76_EU.pdf](#)