

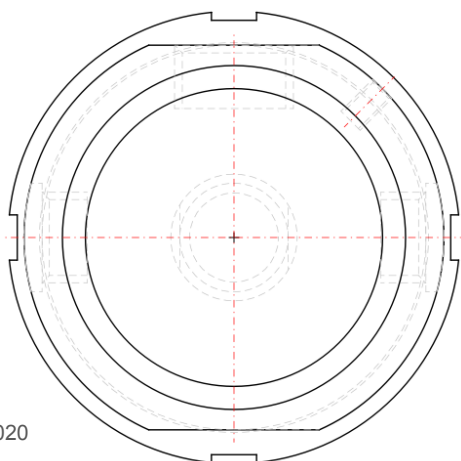
## C(D)76, Air Cylinder, Double Acting, Single Rod CD76E32-80C-A

### Datasheet

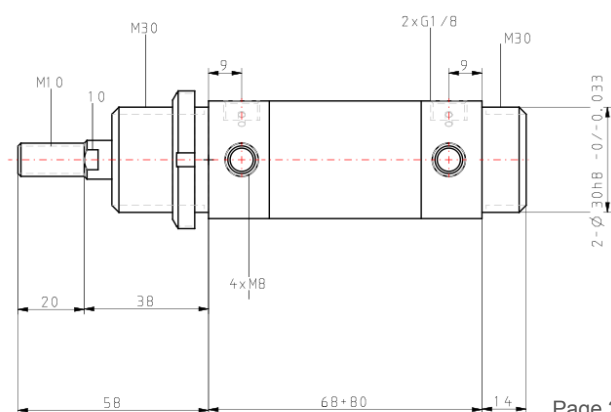
The C76 series air cylinders offer a simple, space saving design with high dimensional accuracy, making these cylinders very easy to use. Large spanner flats on the rod and head covers greatly simplify their installation and positioning. Low friction and the standard elastomer cushion rings allow piston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

Magnet	D (Built-in)
Mounting	E (Double End)
Bore Size	32mm
Stroke	80
Cushion	C (Air Cushion)
Rod Boot	Standard
Switch Mounting	A (Rail)
Rod End Options	None
Temperature Resistance	None
Low Speed	None
Made of Stainless Steel	Standard
Long Stroke	Standard
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]
Maximum 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
Numero of pneumatic connections	2 pcs.
Pneumatic input connection	G 1/8
Pneumatic output connection	G 1/8
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	401.9 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	345 N
Maximum piston speed	1500 mm/s
Type of cushioning	Pneumatically adjustable
Piston rod end	Male Thread
Geometric form of the piston rod	Single rod
Male thread of rod end	M10
Weight	0.476 Kg

## Dimensions



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## Additional information

Catalogue

[C76\\_EU.pdf](#)