

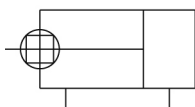


C(D)76K, Air Cylinder, Non-rotating, Double Acting, Single Rod CD76KE32-50-B

Datasheet

General series information

- Double acting, single rod, non-rotating
- Bore sizes (mm): 32, 40
- Strokes up to 300mm (standard)
- Auto switch capable
- Rod boots available



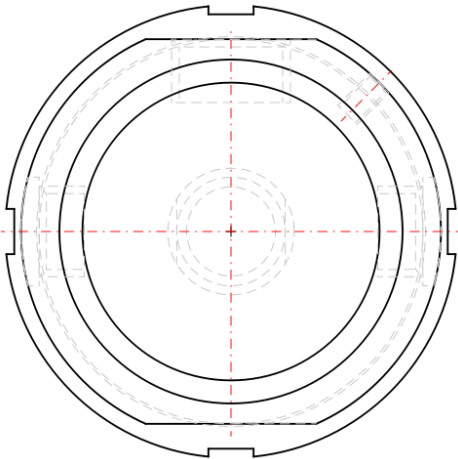
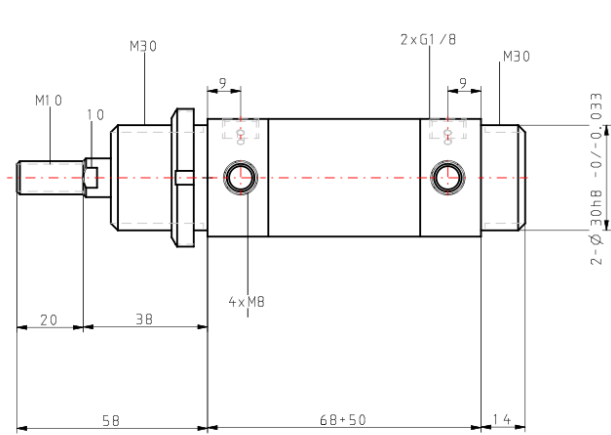
Double-acting cylinder, non-rotating single
piston rod

Standard specifications

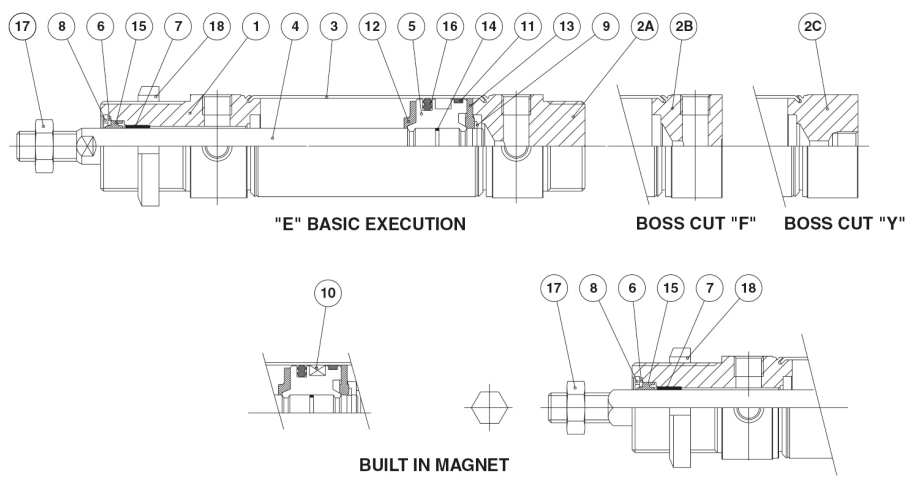
Magnet	D (Built-in)
Mounting	E (Double End)
Bore Size	32mm
Stroke	50
Rod Boot	Standard
Switch Mounting	B (Band)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Rod End Options	None
Made of Stainless Steel	Standard
Long Stroke	Standard
Maximum operating pressure	1.0 Mpa
Minimum operating pressure	0.05 Mpa
Proof pressure	1.5 Mpa
Pneumatic input connection	G 1/8
Pneumatic output connection	G 1/8
Pneumatic exhaust connection	G 1/8

Mode of operation of drive single	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	Rubber bumper
Piston rod end	Male Thread
Male thread of rod end	M10 x 1.5
Minimum piston speed	50 mm/s
Non-rotating accuracy of plate	± 0.5°
Lubrication	None (Non lubricated)
Number of pneumatic connections	2
Fluid	Air
Ambient and fluid temperature	-10 - 60°C
Weight	0.430 Kg

Dimensions



Constructions



Parts List

Item	Part name	Material	Quantity	Remarks
1	Rod cover	Aluminum alloy	1	White alumite
2A	Head cover E	Aluminum alloy	1	White alumite
2B	Head cover F	Aluminum alloy	1	White alumite
2C	Head cover Y	Aluminum alloy	1	White alumite
3	Cylinder tube	Stainless steel	1	
4	Piston rod	Carbon steel	1	Hard chrome plated
5	Piston	Aluminum alloy	1	Chromate
6	Plain washer	Carbon steel	1	Nickel plating
7	Bush	Sintered bronze	1	
8	Retaining ring	Carbon steel	1	Nickel plating

Item	Part name	Material	Quantity	Remarks
9	Retaining ring	Carbon steel	1	Nickel plating
10	Magnet	Magnet	1	(Switch type only)
11	Wear ring	Phenolic resin	1	
12	Bumper A	Urethane	1	
13	Bumper B	Urethane	1	
14	Piston gasket	NBR	1	
15	Rod seal	NBR	1	
16	Piston seal	NBR	1	
17	Rod end nut	Carbon steel	1	Nickel plating
18	Mounting nut	Carbon steel	1	Nickel plating

Additional information

Catalogue

[C76_EU.pdf](#)