



C(D)76-S/T, Air Cylinder, Single Acting, Single Rod C76E32-25S

Datasheet

General series information

- Air cylinder, single acting, single rod
- Spring return or spring extend
- Bore sizes (mm): 32, 40
- Strokes up to 250mm
- Auto switch capable



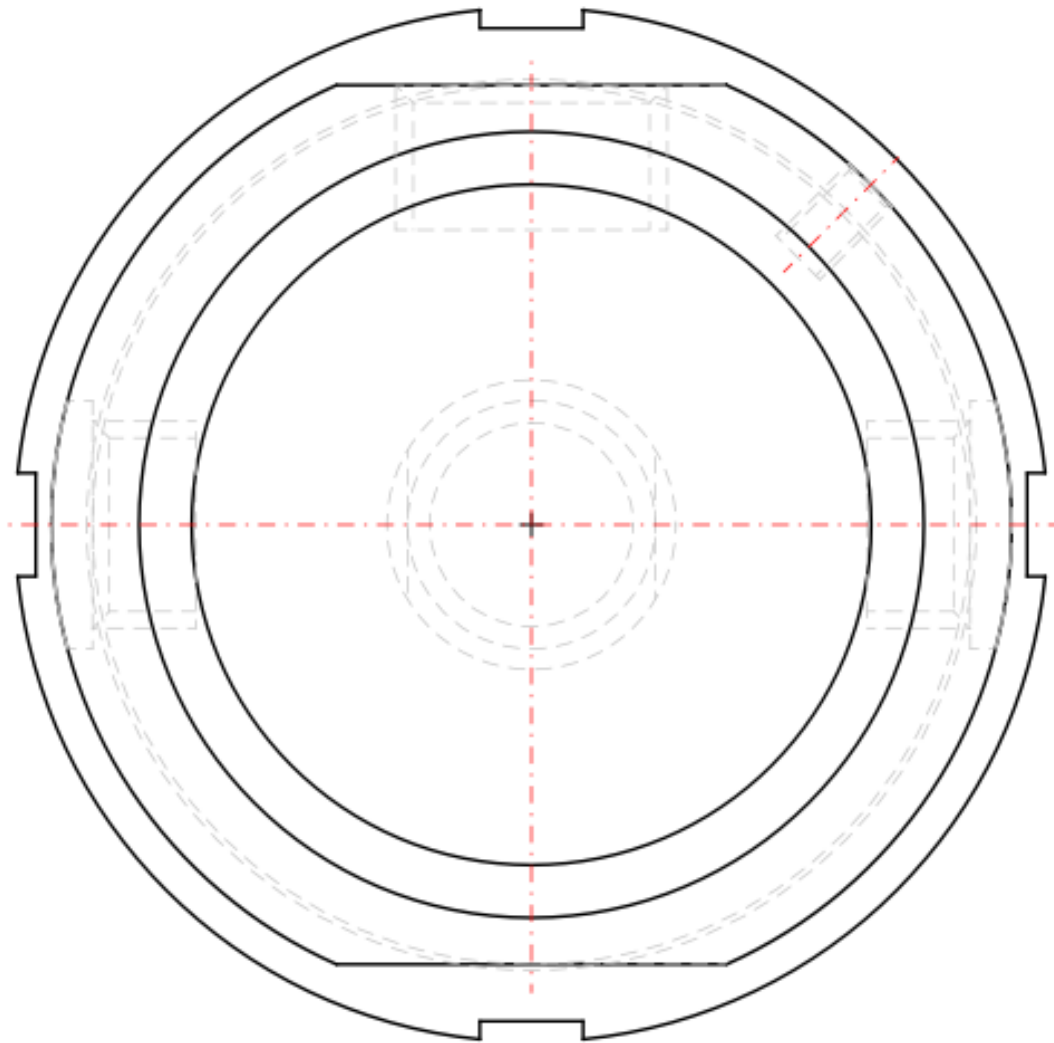
Single-acting cylinder, single piston rod, return stroke by spring

Standard specifications

Magnet	None
Mounting	E (Double End)
Bore Size	32 mm
Stroke	25
Action	S (Spring Return)
Switch Mounting	None
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
Maximum operating pressure	1.0 Mpa
Minimum operating pressure	0.18 MPa
Proof pressure	1.5 Mpa
Pneumatic input connection	G 1/8
Pneumatic output connection	G 1/8
Mode of operation of drive single	Single acting spring return
Maximum piston speed	750 mm/s

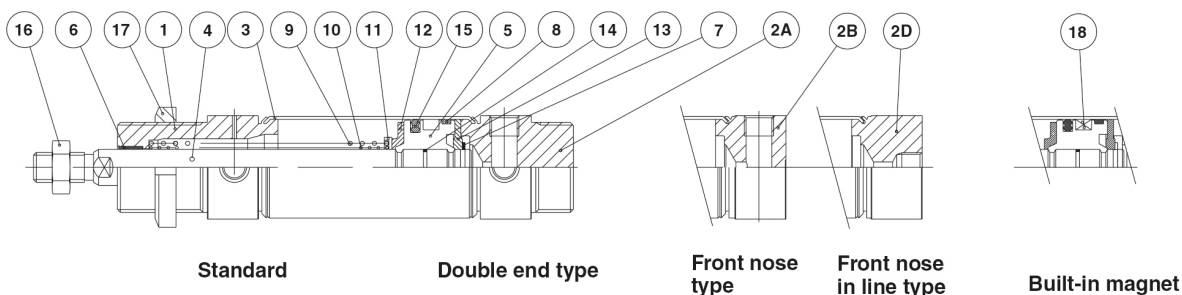
Type of cushioning	Rubber bumper
Piston rod end	Male Thread
Male thread of rod end	M10 x 1.5
Minimum piston speed	50 mm/s
Non-rotating accuracy of plate	± 0.5°
Lubrication	None (Non lubricated)
Number of pneumatic connections	1
Fluid	Air
Ambient and fluid temperature	-20 - 80°C
Weight	0.433 Kg

Dimensions



Constructions

50mm stroke or less

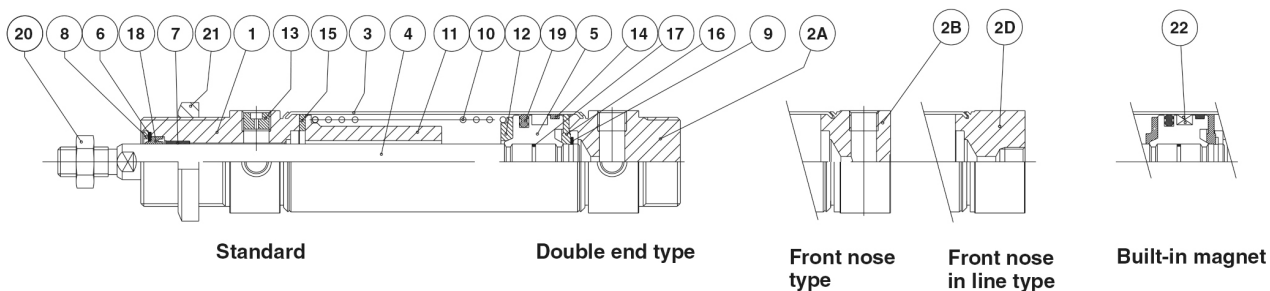


Parts List

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
2D	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	Bush	Sintered bronze	1	
7	Retaining ring	Carbon steel	1	
8	Wear ring	Phenolic resin	2	

Item	Part name	Material	Quantity	Remarks
9	Return spring A	Steel wire	1	Chromate
10	Return spring B	Steel wire	1	Chromate
11	Spring holder	Carbon steel	1	Zinc chromate
12	Bumper A	Urethane	1	
13	Bumper B	Urethane	1	
14	Piston gasket	NBR	1	
15	Piston seal	NBR	1	
16	Rod end nut	Carbon steel	1	Nickel plating
17	Mounting nut	Carbon steel	1	Nickel plating
18	Magnet			

over 50mm stroke



Parts List

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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
2D	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	
7	Bush	Sintered bronze	1	
8	Retaining ring	Carbon steel	1	
9	Retaining ring	Carbon steel	1	Chromate
10	Return spring	Steel wire	1	Chromate
11	Spring guide	Aluminum alloy	1	Zinc chromate
12	Spring holder	Aluminum alloy	1	

Item	Part name	Material	Quantity	Remarks
13	Set screw	Carbon steel	1	
14	Wear ring	Phenolic resin	1	
15	Bumper A	Urethane	1	
16	Bumper B	Urethane	1	
17	Piston gasket	NBR	1	
18	Rod seal	NBR	1	
19	Piston seal	NBR	1	
20	Rod end nut	Carbon steel	1	Nickel plating
21	Mounting nut	Carbon steel	1	Nickel plating
22	Magnet			

Additional information

Catalogue

[C76_EU.pdf](#)