

C(D)G5-S, Stainless Steel Cylinder, Double Acting, Single Rod CDG5BA25SR-100

Datasheet

General series information

- Double acting, single rod CG5-S cylinder
- All stainless steel external parts
- Special scraper prevents water from entering cylinder
- Bore sizes (mm): 20, 25, 32, 40, 50, 63, 80 and 100
- Auto switch capability

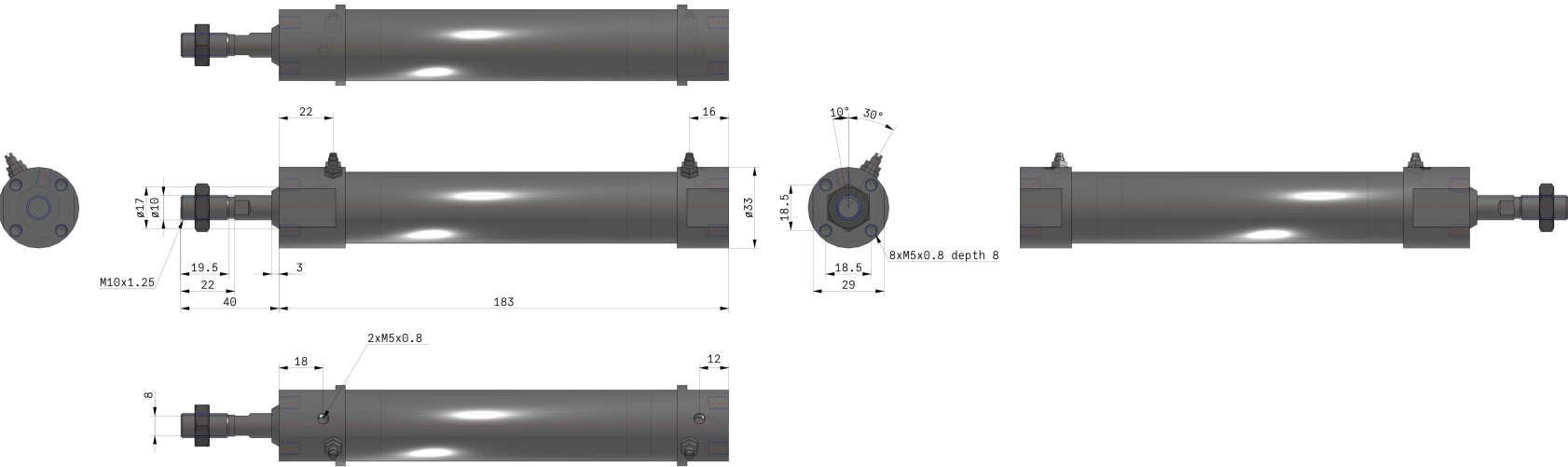


*Double-acting cylinder with cushioning
adjustable at both ends, single piston rod*

Standard specifications

Magnet	D (Built-in)
Mounting	B (Basic)
Style	A (Non-lube, Air Cushion)
Bore Size	25 mm
Thread	Rc (M5 for Air Cushion 20 and 25 Bore)
Seal Material	R (NBR)
Stroke	100
Auto Switch	None
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
Pressure medium	Air
Maximum temperature of pressure medium with magnet	60 °C
Minimum temperature of pressure medium with magnet	-10 °C
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.5 MPa

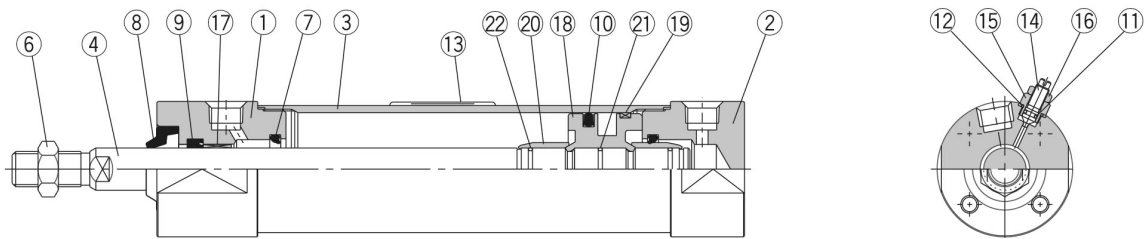
Maximum ambient temperature with magnet	60 °C
Minimum ambient temperature with magnet	-10 °C
Number of pneumatic connections	2 pcs.
Pneumatic input connection	M5 x 0.8
Mode of operation of drive	Double acting
Maximum piston speed	1000 mm/s
Piston rod end	External thread
Geometric form of the piston rod	Round piston rod
Male thread of rod end	M10 x 1.25
Minimum piston speed	50 mm/s
Weight	0.650 Kg



Constructions

Construction

With air cushion



Component Parts

No.	Description	Material	
1	Rod cover	Stainless steel 304	
2	Head cover	Stainless steel 304	
3	Cylinder tube	Stainless steel 304	
4	Piston rod	Stainless steel 304	Hard chrome plated
6	Rod end nut	Stainless steel 304	
7	Cushion seal	Urethane	
14	Cushion valve	Stainless steel 304	
15	Valve retainer	Stainless steel 304	
16	Lock nut	Stainless steel 304	
17	Bushing	Bearing alloy	
18	Piston	Aluminium alloy	
19	Wearing	Resin	
20	Cushion ring	Aluminium alloy	

No.	Description	Material	
		CG5□□□SR	CG5□□□SV
8	Water resistant scraper	NBR	FKM
9	Rod seal		
10	Piston seal		
11	Valve seal		
12	Valve retainer gasket		
21	Piston gasket		
22	Cushion ring gasket	PET	
13	Label protector		

Note 1) Component part material and surface treatment other than listed above are the same as the standard type of Series CG1.
Note 2) For cylinders with an auto switch, the piston is fixed with a magnet.

Additional information

Catalogue

[CJ5-CG5-B_EU.pdf](#)