

C(D)G5-S, Stainless Steel Cylinder, Double Acting, Single Rod CG5BA80TFSR-600

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



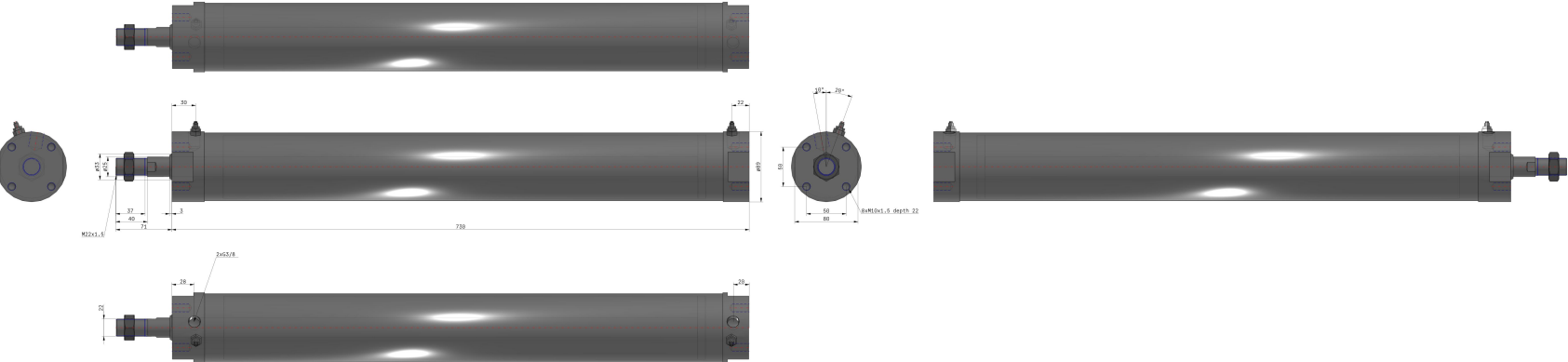
*Double-acting cylinder with cushioning
adjustable at both ends, single piston rod*

Standard specifications

Magnet	None
Mounting	B (Basic Style)
Style	A (Non-lube Air Cushion)
Bore Size	80 mm
Thread	TF (G Ports)
Seal Material	R (NBR)
Stroke	600
Auto Switch	None
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
Temperature Resistance	None
Pressure medium	Air
Maximum temperature of pressure medium	70 °C
Minimum temperature of pressure medium	-10 °C
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.5 MPa

Maximum ambient temperature	70 °C
Minimum ambient temperature	-10 °C
Number of pneumatic connections	2 pcs.
Pneumatic input connection	G 3/8
Mode of operation of drive	Double acting
Maximum piston speed	700 mm/s
Piston rod end	External thread
Geometric form of the piston rod	Round piston rod
Male thread of rod end	M22 x 1.5
Minimum piston speed	50 mm/s

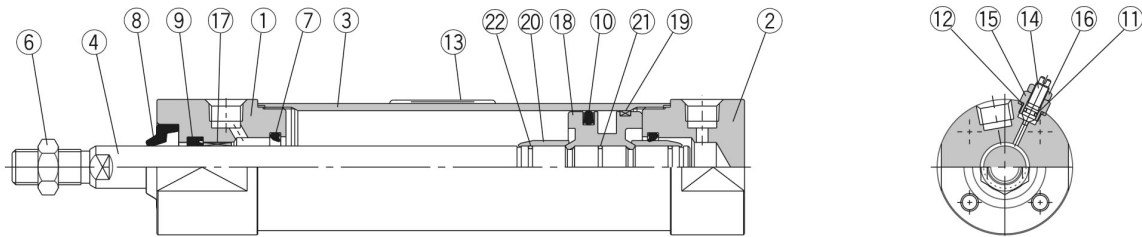
Dimensions



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	

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.

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		
13	Label protector	PET	

Additional information

Catalogue

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