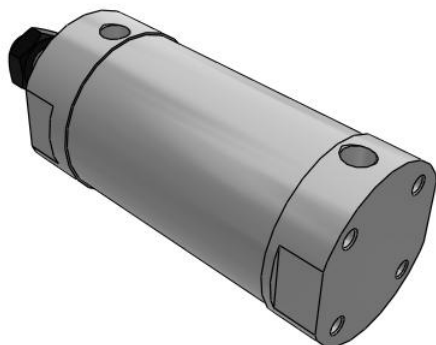
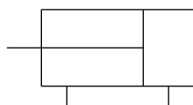




C(D)G5-S, Stainless Steel Cylinder, Double Acting, Single Rod CDG5BN100TFSR-100

Datasheet

SMC's CG5-S series is a stainless steel cylinder, perfect for use in wash down applications such as food processing machinery requiring intense cleaning. The use of non-toxic additives allows confident use in equipment for foods, beverages and medical products, etc. The CG5-S can be disassembled, allowing replacement of seals, which promotes an extended service life. SMC provides plugs for unused mounting threads to prevent residue build-up in the threads. The use of stainless steel (SUS304) on external metal parts provides improved corrosion resistance in environments with exposure to water.



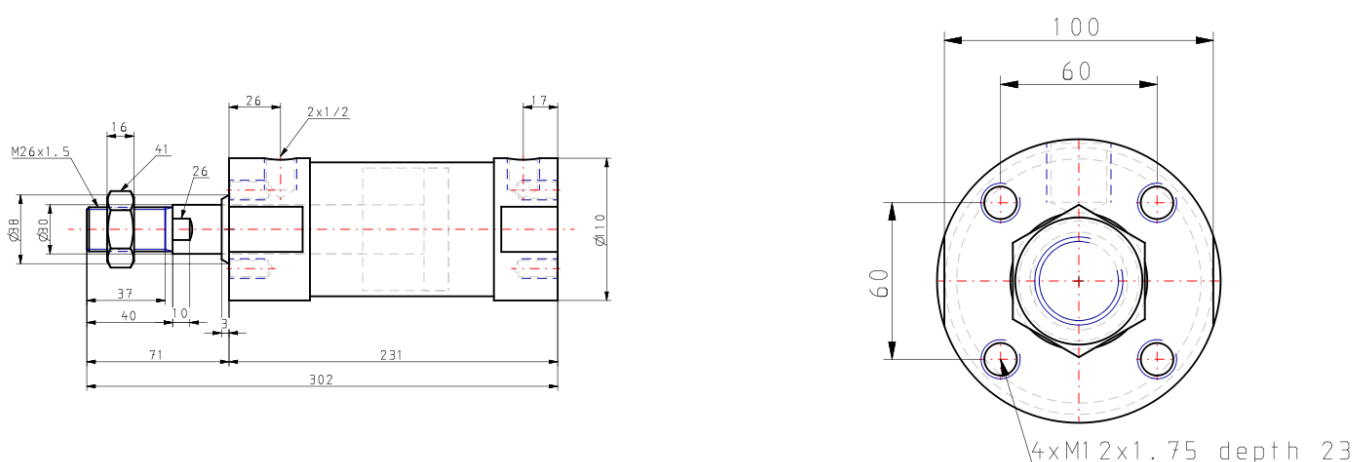
Double-acting, single-rod cylinder

Standard specifications

Magnet	D (Built-in)
Mounting	B (Basic Style)
Style	N (Non-lube Rubber Cushion)
Bore Size	100mm
Thread	TF (G Ports)
Seal Material	R (NBR)
Stroke	100
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 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
Conform to the European RoHS Directive	Conform
Numero of pneumatic connections	2 pcs.
Pneumatic input connection	G 1/2
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	M26 x 1.5
Minimum piston speed	50 mm/s
Weight	10.110 Kg

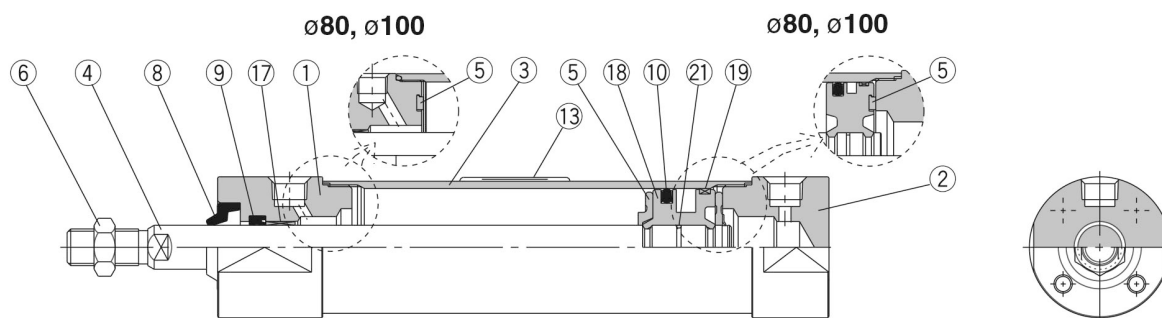
Dimensions



Constructions

Construction

With rubber bumper



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
5	Bumper	Urethane
6	Rod end nut	Stainless steel 304
17	Bushing	Bearing alloy
18	Piston	Aluminium alloy
19	Wearing	Resin

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		
21	Piston gasket		
13	Label protector	PET	

Additional information

Catalogue

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