

C(D)85W, ISO Cylinder, Double Acting, Double Rod C85WE12-50

Datasheet

General series information

- ISO cylinder, double acting, double rod
- Fluid: air
- Bore sizes (mm): 8, 10, 12, 16, 20, 25
- Strokes (mm): up to 300 (depending on bore)
- Auto switches available (order separate)



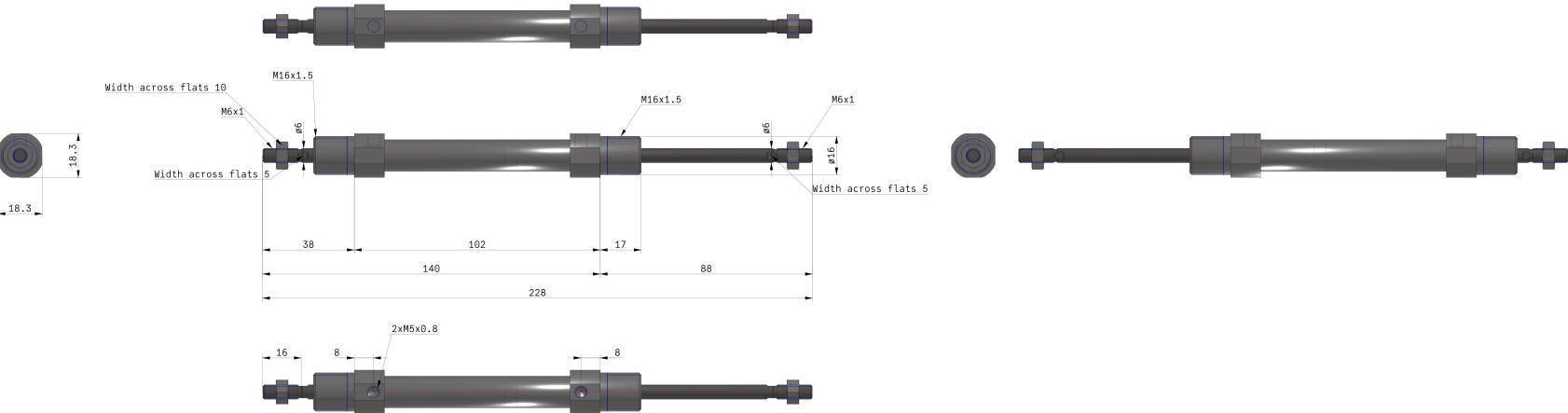
Double-acting cylinder with double piston rod

Standard specifications

Magnet	None
Bore Size	Ø12 mm
Stroke	50
Cushion	Rubber Cushion
Rod Boot	Standard
Switch Mounting	No Switch
Auto Switch	No Switch
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
Made of Stainless Steel	None
Long Stroke	None
Pressure medium	Compressed Air
Maximum temperature of pressure medium	80°C
Minimum temperature of pressure medium	-20°C
Maximum operating pressure	1 MPa
Minimum operating pressure	0.08 MPa

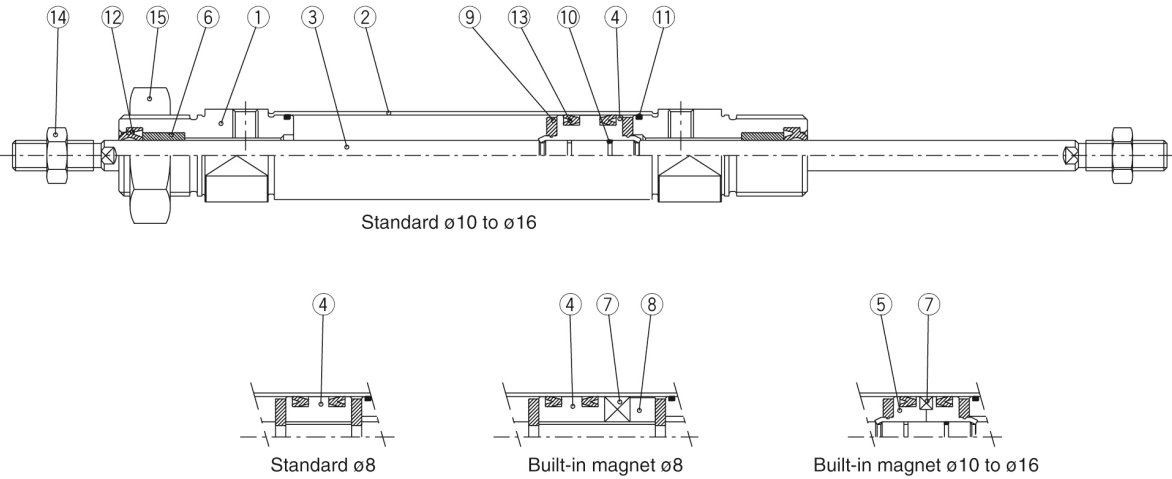
Proof pressure	1.5 MPa
Maximum ambient temperature	80°C
Minimum ambient temperature	-20°C
Number of pneumatic connections	2 pcs.
Pneumatic input connection	M5
Mode of operation of drive	Double acting
Maximum piston speed	1500 mm/s
Type of cushioning	Rubber bumper
Type of Stroke end	Double rod
Piston rod end	External thread
Male thread of rod end	M6

Dimensions



Constructions

Double acting: Double rod C□85WE 8 to 16 Rubber bumper (Disassembly is not possible)



Component Parts

No.	Description	Material	Quantity	Remarks
①	Rod cover	Aluminum alloy	2	White anodized
②	Cylinder tube	Stainless steel	1	
③	Piston rod	Stainless steel	1	2 for ø8
④	Piston A	Brass	1	
⑤	Piston B	Brass	2	(Switch style piston)
⑥	Bushing	Sintered bronze	2	
⑦	Magnet		1	(Switch style only)
⑧	Spacer	Brass	1	

No.	Description	Material	Quantity	Remarks
⑨	Bumper	Urethane	2	
⑩	Piston gasket	NBR	1	2 for switch style
⑪	Tube gasket	NBR	2	
⑫	Rod seal	NBR	2	
⑬	Piston seal	NBR	2	
⑭	Rod end nut	Carbon steel	2	Nickel plated
⑮	Mounting nut	Carbon steel	1	Nickel plated

Additional information

Catalogue

[VDMA-C85_EU.pdf](#)