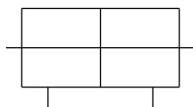


C(D)85W, ISO Cylinder, Double Acting, Double Rod CD85WE8-100-B

Datasheet

- ISO 6432 Round Body Cylinder.
- Bore sizes (mm): 8, 10, 12, 16, 20, 25.
- Standard strokes up to 300 mm.
- Cylinder variations: Non-rotating, direct mount, ATEX.



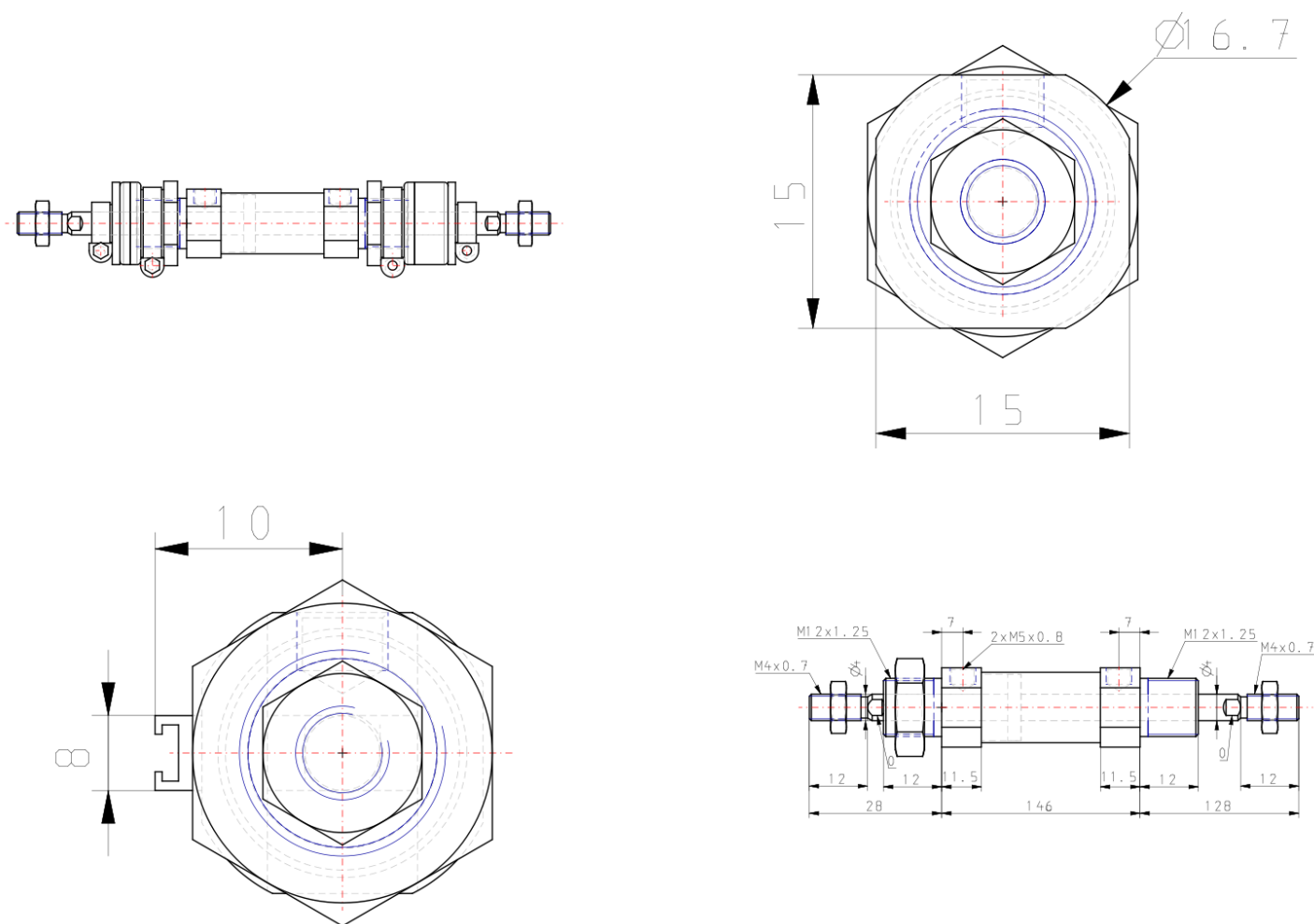
Double-acting cylinder with double piston rod

Standard specifications

Magnet	D (Built-in)
Bore Size	Ø8 mm
Stroke	100
Cushion	Rubber Cushion
Rod Boot	Standard
Switch Mounting	B (Band)
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
Temperature Resistance	None
Made of Stainless Steel	None
Long Stroke	None
Pressure medium	Compressed Air
Maximum temperature of pressure medium with magnet	80°C
Minimum temperature of pressure medium with magnet	-20°C
Maximum operating pressure	1 MPa
Minimum operating pressure	0.1 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature with magnet	80°C

Minimum ambient temperature with magnet	-20°C
Conform to the European RoHS Directive	Conform
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	M4
Weight	0.075 Kg

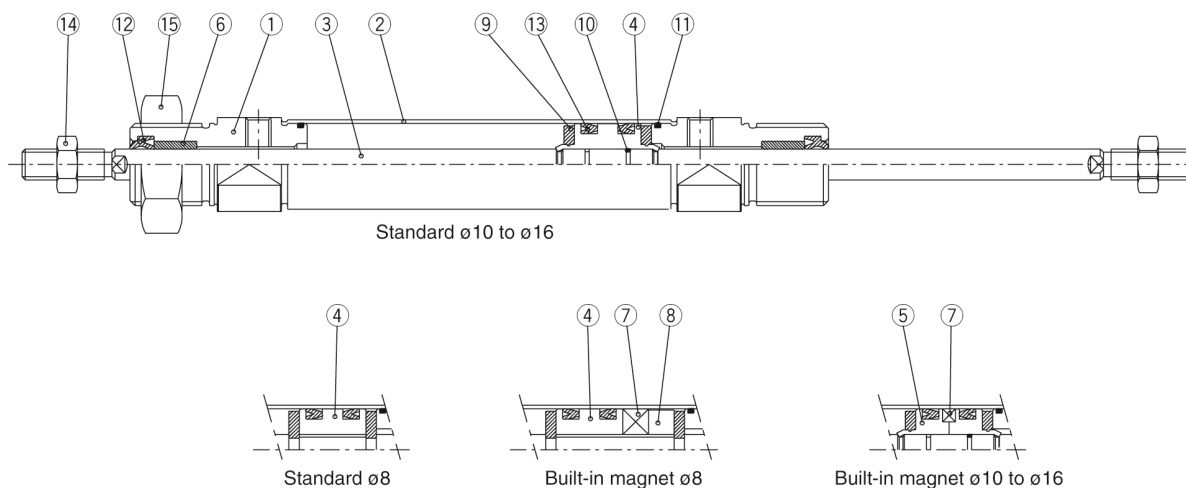
Dimensions



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

[C85_C75-A_EU.pdf](#)