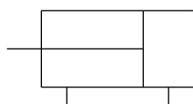


C(D)85, ISO Standard Cylinder, Double Acting, Single Rod C85F12-25

Datasheet

The C85 series conforms to ISO 6432 and CETOP RP52P. The C85 is available in bore sizes 8mm through 25mm with standard strokes ranging from 10mm through 300mm. A unique rod packing design prevents entry of dust and the effectiveness of the seal is such that the C85 is suitable for use in extremely dusty environments. With abrasion resistant packings and replaceable nose seals, the C85 offers exceptional service life.

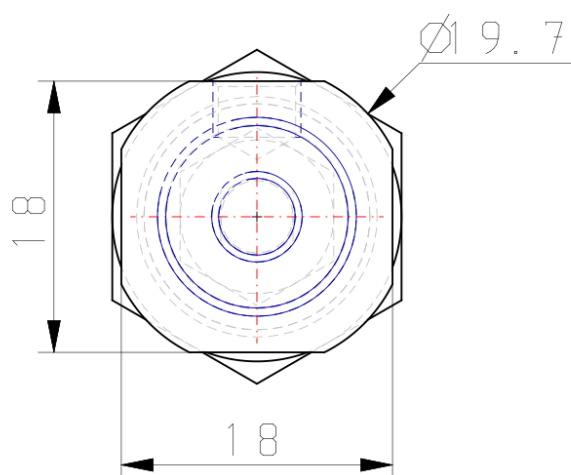
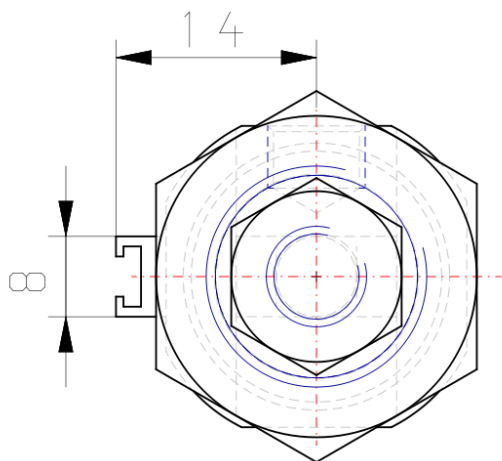


Double-acting, single-rod cylinder

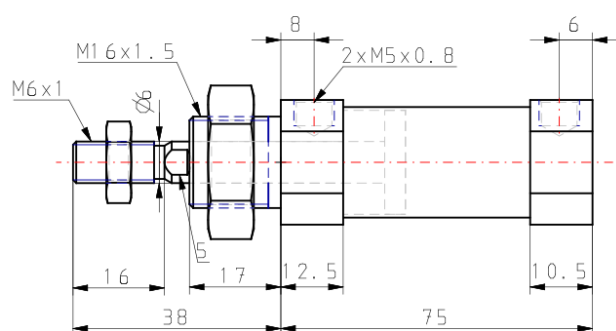
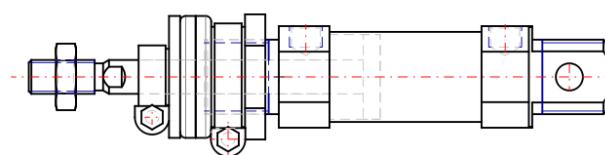
Standard specifications

Maximum temperature of pressure medium	80°C
Numero of pneumatic connections	2 pcs.
Maximum ambient temperature	80°C
Conform to the European RoHS Directive	Conform
Minimum temperature of pressure medium	-20°C [without condensation]
Minimum ambient temperature	-20°C
Maximum ambient temperature with magnet	60°C
Minimum temperature of pressure medium with magnet	-10°C [without condensation]
Geometric form of the piston rod	Single rod
Maximum temperature of pressure medium with magnet	60°C
Pressure medium	Compressed Air
Minimum ambient temperature with magnet	-10°C
Mode of operation of drive	Double acting
Weight	0.112 Kg

Dimensions

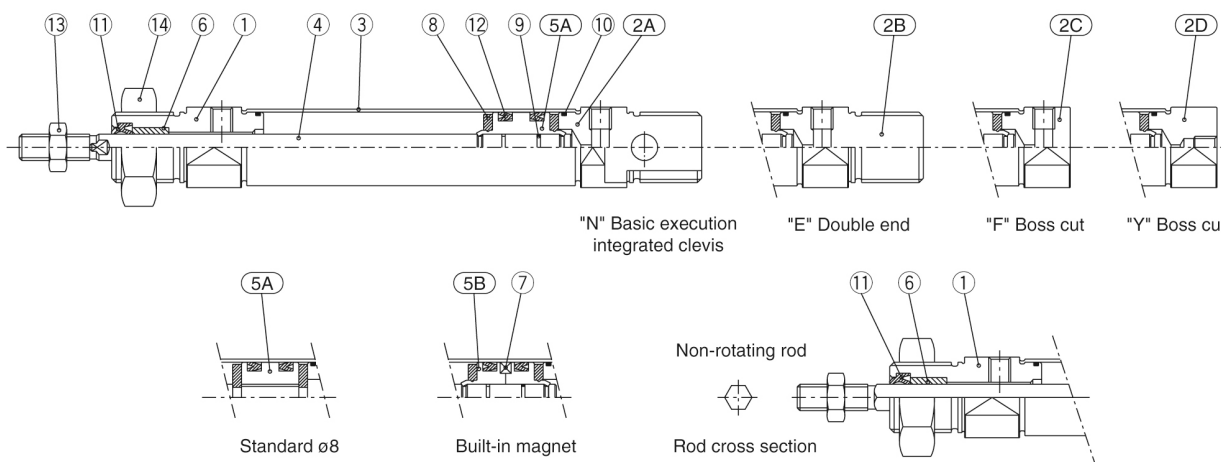


($\varnothing 20$, $\varnothing 25$)



Constructions

Double acting: Single rod C□85□8 to16 Rubber bumper (Disassembly is not possible)



Component Parts

No.	Description	Material	Quantity	Remarks
①	Rod cover	Aluminum alloy	1	White anodized
②A	Head cover N	Aluminum alloy	1	White anodized
②B	Head cover E	Aluminum alloy	1	White anodized
②C	Head cover F	Aluminum alloy	1	White anodized
②D	Head cover Y	Aluminum alloy	1	White anodized
③	Cylinder tube	Stainless steel	1	
④	Piston rod	Stainless steel	1	
⑤A	Piston A	Brass	1	
⑤B	Piston B	Brass	2	(Switch style piston)

No.	Description	Material	Quantity	Remarks
⑥	Bushing	Sintered bronze	1	
⑦	Magnet		1	(Switch style only)
⑧	Bumper	Urethane	2	
⑨	Piston gasket	NBR	1	(2 for switch style)
⑩	Tube gasket	NBR	2	
⑪	Rod seal	NBR	1	
⑫	Piston seal	NBR	2	
⑬	Rod end nut	Carbon steel	1	Nickel plated
⑭	Mounting nut	Carbon steel	1	Nickel plated

Additional information

Catalogue

[C85_C75-A_EU.pdf](#)