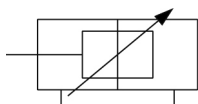




C(D)85, ISO Standard Cylinder, Double Acting, Single Rod CD85N12-250C-B-X2018

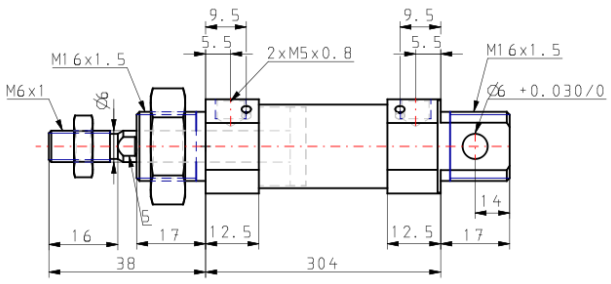
- Double acting, single rod, crimped cylinder
- Conforms to ISO 6432 and CETOP RP52P
- Bore sizes (mm): 8, 10, 12, 16, 20, 25
- Standard strokes up to 300mm
- Auto switch capable



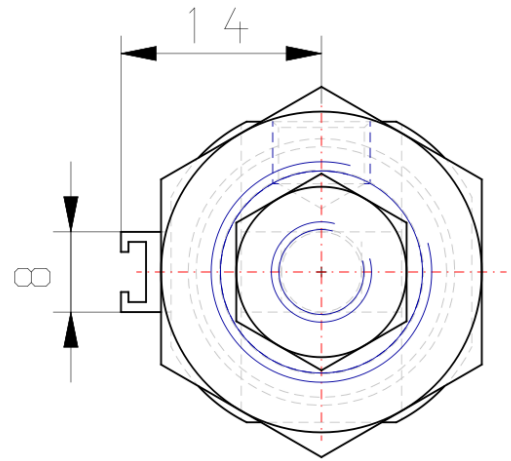
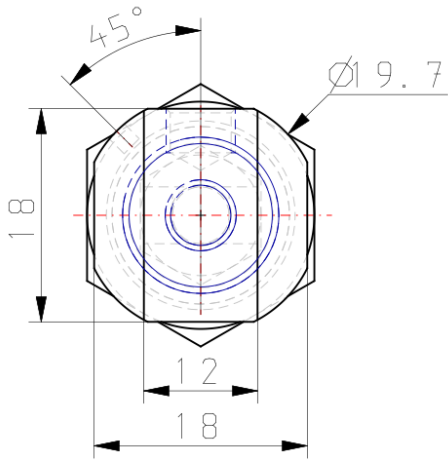
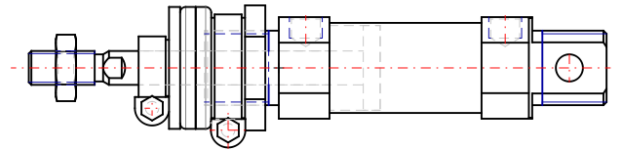
Double-acting cylinder with cushioning adjustable at both ends, single piston rod

Magnet	D (Built-in)
Mounting	N (Basic Integrated Clevis)
Bore Size	Ø12 mm
Stroke	250
Cushion	C (Air Cushion)
Rod Boot	None
Auto Switch Mounting Type	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
Low Speed	None
Stainless Steel	None
Long Stroke	X2018 (Long Stroke)
-	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

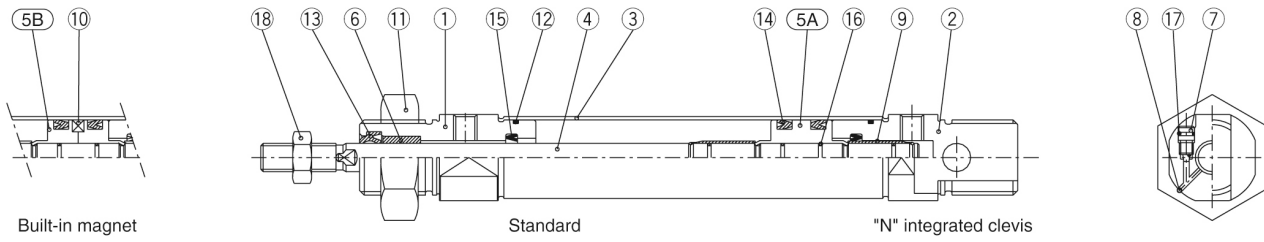
Minimum operating pressure	0.08 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature with magnet	80 °C
Minimum ambient temperature with magnet	-20 °C
Pneumatic input connection	M5
Pneumatic output connection	M5
Theoretical cylinder force, advance stroke (at 0.5 MPa)	56.6 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	42.4 N
Maximum piston speed	1,500 mm/s
Type of cushioning	Air cushion
Piston rod end	External thread
Male thread of rod end	M6
Minimum piston speed	50 mm/s
Weight	0.127 Kg



($\phi 20$, $\phi 25$)



Double acting: Single rod
C□85□10 to 16 Air cushion (Disassembly is not possible)



Component Parts

No.	Description	Material	Quantity	Remarks
①	Rod cover	Aluminum alloy	1	White anodized
②	Head cover N	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)
⑥	Bush	Sintered bronze	1	
⑦	Cushion needle	Stainless steel	2	
⑧	Steel ball	Bearing steel	2	

No.	Description	Material	Quantity	Remarks
⑨	Cushion ring	Brass	2	
⑩	Magnet		1	
⑪	Mounting nut	Carbon steel	1	Nickel plated
⑫	Tube gasket	NBR	2	
⑬	Rod seal	NBR	1	
⑭	Piston seal	NBR	2	
⑮	Check seal	NBR	2	
⑯	Piston gasket & cushion ring gasket	NBR	3	
⑰	Needle seal	NBR	2	
⑱	Rod end nut	Carbon steel	1	Nickel plated

-
-

C85_C75-A_EU.pdf