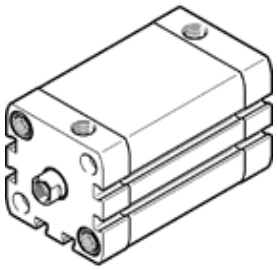
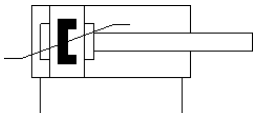
Compact cylinder
ADN-40-15-I-PPS-A

Part number: 572665
★ Core product range

FESTO





Data sheet

Feature	Value
Stroke	15 mm
Piston diameter	40 mm
Piston rod thread	M8
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Conforms to standard	ISO 21287
Piston-rod end	Female thread
Position detection	For proximity sensor
Variants	Single-ended piston rod
Working pressure	1 ... 10 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	1.7 J
Cushioning length	5 mm
Theoretical force at 6 bar, return stroke	686 N
Theoretical force at 6 bar, advance stroke	754 N
Moving mass with 0 mm stroke	80 g
Additional weight per 10 mm stroke	37 g
Basic weight for 0 mm stroke	346 g
Additional mass factor per 10 mm of stroke	9 g
Mounting type	Optional with through hole with internal (female) thread with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Aluminum Anodized
Material seals	TPE-U(PUR)
Material piston rod	High alloy steel
Material cylinder barrel	Wrought Aluminum alloy Smooth anodized