

compact cylinder ADN-16-50-A-P-A

Part number: 536331

★ Core product range

With position sensing and external piston rod thread

FESTO



Data sheet

Feature	values
Stroke	50 mm
Piston diameter	16 mm
Piston rod thread	M6
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Conforms to standard	ISO 21287
Piston-rod end	Male thread
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure	0.6 ... 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	0.15 J
Theoretical force at 6 bar, return stroke	90 N
Theoretical force at 6 bar, advance stroke	121 N
Moving mass with 0 mm stroke	15 g
Additional weight per 10 mm stroke	14 g
Basic weight for 0 mm stroke	79 g
Additional mass factor per 10 mm of stroke	4 g
Mounting type	Optional with through hole with internal (female) thread with accessories
Pneumatic connection	M5
Materials note	Conforms to RoHS
Materials information for cover	Aluminium Anodised
Materials information for seals	TPE-U(PUR)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy Smooth anodised