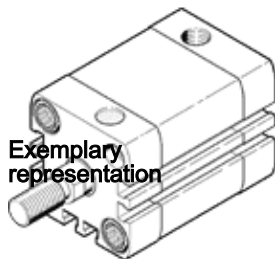


compact cylinder AEN-50- -

Part number: 536420

FESTO

In accordance with ISO 21287, for position sensing, with male or female thread on the piston rod.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	values
Stroke	1 ... 25 mm
Piston diameter	50 mm
Based on the standard	ISO 21287
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod Profile barrel
Position detection	For proximity sensor
Variants	improved running performance Extended male piston rod thread special thread on piston rod Extended piston rod With protection against rotation Heat resistant seals, max. 120°C laser etched rating plate Pulling Single-ended piston rod
Operating pressure	1 ... 10 bar
Mode of operation	single-acting pushing action pulling action
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 ... 120 °C
Theoretical force at 6 bar, return stroke	945 N
Theoretical force at 6 bar, advance stroke	1,065 N
Moving mass with 0 mm stroke	140 g
Additional weight per 10 mm stroke	51 g
Basic weight for 0 mm stroke	540 g
Additional mass factor per 10 mm of stroke	16 g
Mounting type	Optional with through hole with internal (female) thread with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Materials information for cover	Aluminium Anodised
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy Smooth anodised