

Compact air cylinder AEN-40- -

Part number: 536419

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 mm ... 25 mm
Piston diameter	40 mm
Type code	AEN
Based on norm	ISO 21287
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Design	Piston Piston rod Profile barrel
Position sensing	For proximity sensor
Variants	Improved running performance Extended external thread piston rod Special thread on piston rod Extended piston rod With anti-twist protection Heat-resistant seals max. 120°C Laser etched rating plate Pulling Piston rod at one end
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Mode of operation	Single-acting Pushing Pulling
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS-Conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 120 °C
Theoretical force at 6 bar, retracting	606 N
Theoretical force at 6 bar, advancing	676 N
Moving mass at 0 mm stroke	80 g
Additional weight per 10 mm stroke	37 g
Basic weight with 0 mm stroke	346 g
Additional moving mass per 10 mm stroke	9 g
Type of mounting	Optionally: With through-hole With internal thread With accessories

Feature	Value
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Aluminum Anodized
Piston rod material	High-alloy steel
Material of cylinder barrel	Wrought aluminum alloy Smooth anodized