

Compact cylinder AEN-S-40-25-I-P

Part number: 5149289

FESTO



Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	40 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Single-acting
Piston rod end	Internal thread
Structural design	Piston Piston rod
Variants	Additional PTFE piston guide
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi
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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Ambient temperature	0 °C...80 °C
Impact energy in the end positions	0.32 J
Theoretical force at 6 bar, retracting	54 N
Theoretical force at 6 bar, advancing	754 N
Moving mass at 0 mm stroke	56 g
Additional moving mass per 10 mm stroke	9 g
Basic weight with 0 mm stroke	186 g
Additional weight per 10 mm stroke	45 g
Type of mounting	Optionally: With through-hole With internal thread With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy, anodized
Material of dynamic seals	NBR

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Housing material	Wrought aluminum alloy, anodized
Piston rod material	High-alloy stainless steel