

Compact cylinder AEN-1"- -

Part number: 557191

FESTO



Data sheet

Feature	Value
Stroke	0.039 in...0.984 in
Piston diameter	1 "
Based on standard	ISO 21287
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Single-acting
Design	Piston Piston rod Profile barrel
Position detection	Via proximity switch
Variants	Extended male piston rod thread Extended piston rod With protection against rotation Heat-resistant seals max. 120°C Piston rod at one end
Protection against torque/guide	Square piston rod
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-4 °F...248 °F
Impact energy in end positions	0.059 ft-lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	66.3 lbf
Type of mounting	Either: With through-hole Via female thread With accessories
Pneumatic connection	10-32 UNF-2B
Material collar screws	Steel
Material cover	Anodised wrought aluminium alloy
Material piston rod	High-alloy steel

Feature	Value
Material cylinder barrel	Smooth-anodised wrought aluminium alloy