

Short-stroke cylinder AEVC-80-10-I-P

Part number: 188302

FESTO



Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	80 mm
Spring resetting force with piston rod in retracted position	85 N
Based on norm	ISO 6431 Hole pattern VDMA 24562
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Pushing Single-acting
Structural design	Piston Piston rod
Position sensing	None
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-B1/B2-L
Ambient temperature	-20 °C...80 °C
Theoretical force at 6 bar, advancing	2901 N
Moving mass	327 g
Product weight	1100 g
Type of mounting	With through-hole With accessories Optionally:
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Anodized
Seals material	NBR TPE-U(PU)

Feature	Value
Housing material	Wrought aluminum alloy Anodized
Piston rod material	High-alloy steel