Compact air cylinder AEVU-100- -A-P-A-S20

Part number: 156289

Data sheet

Feature	Value
Stroke	1 mm...25 mm
Piston diameter	100 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Single-acting
Piston rod end	External thread
Structural design	Piston Piston rod
Position sensing	For proximity sensor
Variants	Through, hollow piston rod
Operating pressure	0.08 MPa...1 MPa 0.8 bar...10 bar 11.6 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)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Impact energy in the end positions	0.1 J
Theoretical force at 6 bar, advancing	4222 N
Type of mounting	Optionally: With through-hole With accessories
Pneumatic connection	G1/4
Flange screws material	Steel, galvanized
Cover material	Wrought aluminum alloy
Material of dynamic seals	NBR TPE-U(PU)
Piston rod material	High-alloy steel
Material of cylinder barrel	Wrought aluminum alloy