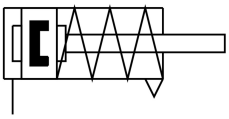
Compact cylinder AEVU-100-20-A-P-A

Part number: 157020



Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	100 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Single-acting Pushing
Piston-rod end	Male thread
Design	Piston Piston rod
Position detection	Via proximity switch
Variants	Piston rod at one end
Operating pressure	0.06 MPa...1 MPa 0.6 bar...10 bar 8.7 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	-20 °C...80 °C
Impact energy in end positions	1 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	4516 N
Moving mass for 0 mm stroke	614 g
Additional moving mass per 10 mm stroke	38 g
Basic weight for 0 mm stroke	2797 g
Additional weight per 10 mm stroke	177 g
Type of mounting	Either: With through-hole With accessories
Pneumatic connection	G1/4
Material collar screws	Galvanised steel
Material cover	Wrought aluminium alloy
Material dynamic seals	NBR TPE-U(PU)

Feature	Value
Material piston rod	High-alloy steel
Material cylinder barrel	Wrought aluminium alloy