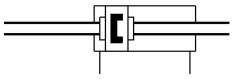
Compact air cylinder ADVULQ-25- -A-P-A-S20

Part number: 156163



Data sheet

Feature	Value
Stroke	1 mm...200 mm
Piston diameter	25 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Piston rod end	External thread
Structural design	Piston Piston rod
Position sensing	For proximity sensor
Variants	Through, hollow piston rod
Protection against torsion/guide	Square piston rod
Operating pressure	0.12 MPa...1 MPa 1.2 bar...10 bar 17.4 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	0.01 J
Theoretical force at 6 bar, retracting	247 N
Theoretical force at 6 bar, advancing	247 N
Type of mounting	Optionally: With through-hole With accessories
Pneumatic connection	M5
Flange screws material	Steel, galvanized
Cover material	Wrought aluminum alloy
Material of dynamic seals	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	Wrought aluminum alloy