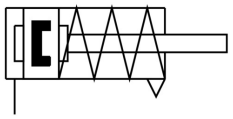
Compact air cylinder
AEVULQ-80-10-A-P-A

Part number: 157106





Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	80 mm
Type code	AEVULQ
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Pushing Single-acting
Piston rod end	External thread
Design	Piston rod Piston
Position sensing	For proximity sensor
Symbol	00991729
Variants	Piston rod at one end
Protection against torsion/guide	Square piston rod
Operating pressure	0.6 bar ... 10 bar
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
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.75 J
Theoretical force at 6 bar, advancing	2902 N
Moving mass at 0 mm stroke	307 g
Additional weight per 10 mm stroke	168 g
Basic weight with 0 mm stroke	1772 g
Additional moving mass per 10 mm stroke	25 g
Type of mounting	Optionally: With through-hole With accessories
Pneumatic connection	G1/8
Flange screws material	Steel, galvanized
Cover material	Wrought aluminum alloy
Material of dynamic seals	TPE-U(PU) NBR
Piston rod material	High-alloy steel
Material of cylinder barrel	Wrought aluminum alloy