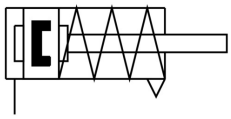
Compact air cylinder
AEVU-80-10-A-P-A

Part number: 157014





Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	80 mm
Type code	AEVU
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
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	With through-hole With accessories Optionally:
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