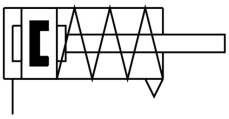
Compact air cylinder
AEVU-80-20-P-A

Part number: 156970



Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	80 mm
Type code	AEVU
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Single-acting Pushing
Piston rod end	Internal thread
Structural design	Piston Piston rod
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	Optionally: With through-hole With accessories
Pneumatic connection	G1/8
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