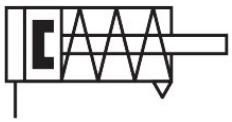
Compact cylinder
AEN-S-6-5-A-A

Part number: 8080591





Data sheet

Feature	Value
Stroke	5 mm
Piston diameter	6 mm
Cushioning	No cushioning
Mounting position	Any
Mode of operation	Pushing
Piston rod end	External thread
Structural design	Piston Piston rod
Position sensing	Via proximity switch
Variants	Piston rod at one end
Operating pressure	0.25 MPa...0.8 MPa 2.5 bar...8 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
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-10 °C...60 °C
Impact energy in the end positions	0.006 J
Theoretical force at 6 bar, retracting	4 N
Theoretical force at 6 bar, advancing	13 N
Moving mass	1.6 g
Product weight	10.9 g
Type of mounting	With through-hole
Pneumatic connection	M3
Note on materials	RoHS compliant
Cover material	Wrought aluminum alloy
Material of dynamic seals	NBR TPE-U(PU)
Housing material	Wrought aluminum alloy Anodized
Piston rod material	high-alloy stainless steel