

short-stroke cylinder

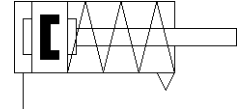
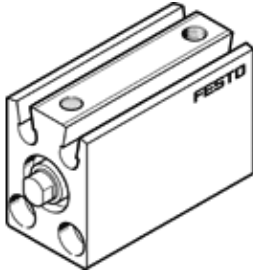
AEVC-6-10-P-A

Part number: 188057
Product to be discontinued

FESTO

[For proximity sensing.](#)

Type to be discontinued. Available until 2026. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	6 mm
Spring return force, retracted	3 N
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	single-acting pushing action
Design structure	Piston Piston rod
Position detection	For proximity sensor
Operating pressure MPa	0.25 ... 0.8 MPa
Operating pressure	2.5 ... 8 bar 36.25 ... 116 psi
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 ... 80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	11 N
Moving mass	1.8 g
Product weight	17 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	M3
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy Anodised
Material seals	NBR TPE-U(PU)
Material housing	Wrought Aluminium alloy Anodised
Material piston rod	High alloy steel