

short-stroke cylinder

ADVC-50-20-A-P-A

Part number: 188270
Product to be discontinued

FESTO

For proximity sensing, piston-rod end with male thread.
Type to be discontinued. Available until 2026. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	50 mm
Based on the standard	ISO 6431 Hole pattern VDMA 24562
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Piston Piston rod
Position detection	For proximity sensor
Operating pressure MPa	0.06 ... 1 MPa
Operating pressure	0.6 ... 10 bar 8.7 ... 145 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), retracting	1,057 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	1,178 N
Moving mass	123 g
Moving mass with 0 mm stroke	99 g
Additional mass factor per 10 mm of stroke	16 g
Product weight	528 g
Basic weight for 0 mm stroke	431 g
Additional weight per 10 mm stroke	56 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy Anodised
Material seals	TPE-U(PU)
Material housing	Wrought Aluminium alloy Anodised
Material piston rod	High alloy steel