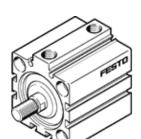
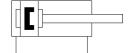
short-stroke cylinder ADVC-50-20-A-P-A Part number: 188270 Product to be discontinued

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





FESTO

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