

short-stroke cylinder

ADVC-20-20-I-P

Part number: 188148
Product to be discontinued

FESTO

No facility for sensing, piston-rod end with female thread.
Type to be discontinued. Available until 2026. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	20 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Piston Piston rod
Position detection	No
Operating pressure MPa	0.1 ... 1 MPa
Operating pressure	1 ... 10 bar 14.5 ... 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	141 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	189 N
Moving mass	31 g
Moving mass with 0 mm stroke	19 g
Additional mass factor per 10 mm of stroke	6 g
Product weight	114 g
Basic weight for 0 mm stroke	67 g
Additional weight per 10 mm stroke	26 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	M5
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