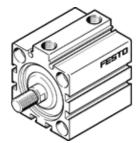
short-stroke cylinder ADVC-100-10-A-P Part number: 188344 Product to be discontinued

No facility for 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	10 mm
Piston diameter	100 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	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	4,418 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	4,712 N
Moving mass	699 g
Moving mass with 0 mm stroke	679 g
Additional mass factor per 10 mm of stroke	40 g
Product weight	2,079 g
Basic weight for 0 mm stroke	1,972 g
Additional weight per 10 mm stroke	214 g
Mounting type	with through hole
	with accessories
	Optional
Pneumatic connection	G1/4
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



