

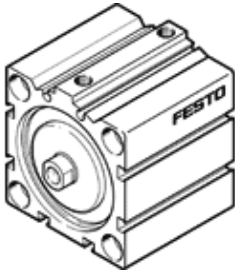
# short-stroke cylinder

## ADVC-80-10-I-P-A

Part number: 188308

FESTO

For proximity sensing, piston-rod end with female thread.



### Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	80 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	1 ... 10 bar
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
Ambient temperature	-20 ... 80 °C
Theoretical force at 6 bar, return stroke	2,827 N
Theoretical force at 6 bar, advance stroke	3,016 N
Moving mass	277 g
Product weight	1,855 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	G1/8
Materials note	Free of copper and PTFE
Material cover	Wrought Aluminium alloy Anodised
Material seals	TPE-U(PU)
Material housing	Wrought Aluminium alloy Anodised
Material piston rod	High alloy steel