

Compact cylinder

ADVU-1"- -P-A

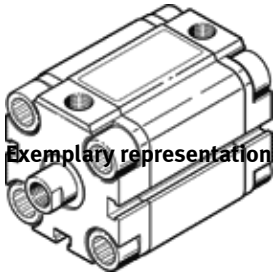
Part number: 160563

FESTO

For proximity sensing. Piston-rod end with female thread

This product is only available if ordered from the Festo Corporation, USA.

Type to be discontinued. Available until 2011.



Data sheet

Feature	Value
Stroke	0.04 ... 8 "
Piston diameter	1"
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Piston-rod end	Female thread
Working pressure	14.5 ... 145 Psi
Operating medium	Filtered compressed air
Corrosion resistance classification CRC	2
Ambient temperature	-4 ... 176 °F
Impact energy in end positions	0.0738 J
Theoretical force at 6 bar, return stroke	56 lbf
Theoretical force at 6 bar, advance stroke	66 lbf
Moving mass with 0 mm stroke	0.917 oz
Additional weight per 10 mm stroke	0.988 oz
Basic weight for 0 mm stroke	6.349 oz
Additional mass factor per 10 mm of stroke	0.212 oz
Pneumatic connection	UNF10-32
Working pressure [psi]	14.5 ... 145 psi
Materials information for cover	Wrought Aluminum alloy
Materials information for dynamic seals	TPE-U(PU) NBR
Materials information for piston rod	High alloy steel, non-corrosive
Materials information for cylinder barrel	Wrought Aluminum alloy