

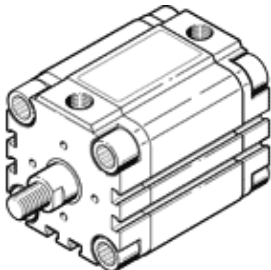
Compact cylinder

ADVU-1 5/8"-2 1/2"-A-P-A

Part number: 546316

FESTO

For proximity sensing. Piston-rod end with male thread
 Nut for piston rod thread is included.
 This product is only available if ordered from the Festo Corporation, USA.
 Products to be discontinued. Available until 2011.



Data sheet

Feature	Value
Stroke	2.5 "
Piston diameter	1 5/8"
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Piston-rod end	Male thread
Operating pressure	11.6 ... 145 Psi
Operating medium	Filtered compressed air
Corrosion resistance classification CRC	2
Ambient temperature	-4 ... 176 °F
Impact energy in end positions	0.3835 J
Theoretical force at 6 bar, return stroke	154 lbf
Theoretical force at 6 bar, advance stroke	170 lbf
Moving mass with 0 mm stroke	2.222 oz
Additional weight per 10 mm stroke	2.081 oz
Basic weight for 0 mm stroke	15.273 oz
Additional mass factor per 10 mm of stroke	0.317 oz
Pneumatic connection	NPT1/8-27
Operating pressure [psi]	11.6 ... 145 psi
Materials information for cover	Wrought Aluminium alloy
Materials information for dynamic seals	TPE-U(PU) NBR
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy