

# Compact cylinder

## ADVU-1 1/4"-2 1/2"-P-A

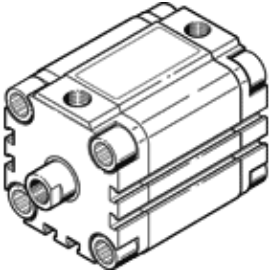
Part number: 546301

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	2.5 "
Piston diameter	1 1/4"
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Piston-rod end	Female thread
Working 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	0.295 J
Theoretical force at 6 bar, return stroke	93 lbf
Theoretical force at 6 bar, advance stroke	109 lbf
Moving mass with 0 mm stroke	1.728 oz
Additional weight per 10 mm stroke	1.411 oz
Basic weight for 0 mm stroke	10.582 oz
Additional mass factor per 10 mm of stroke	0.317 oz
Pneumatic connection	NPT1/8-27
Working pressure [psi]	11.6 ... 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