

# Compact cylinder ADVU-1"-1/2"-P-A

Part number: 546331

FESTO

For proximity sensing. Piston-rod end with female thread

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

Products to be discontinued. Available until 2011.



## Data sheet

Feature	Value
Stroke	0.5 "
Piston diameter	1 "
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Piston-rod end	Female thread
Operating 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
Operating pressure [psi]	14.5 ... 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, non-corrosive
Materials information for cylinder barrel	Wrought Aluminium alloy