

Compact cylinder

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

Part number: 546353

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	2.5 "
Piston diameter	2"
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Piston-rod end	Female 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	0.472 J
Theoretical force at 6 bar, return stroke	238 lbf
Theoretical force at 6 bar, advance stroke	265 lbf
Moving mass with 0 mm stroke	3.951 oz
Additional weight per 10 mm stroke	2.54 oz
Basic weight for 0 mm stroke	19.753 oz
Additional mass factor per 10 mm of stroke	0.564 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