

Compact cylinder

ADVU-1/2"-3/4"-A-P-A

Part number: 546343

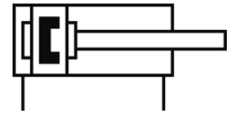
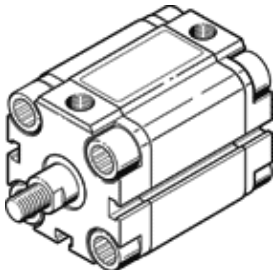
FESTO

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.

Type to be discontinued. Available until 2011.



Data sheet

| Feature | Value |
|--------------------------------------------|--------------------------------------------------|
| Stroke | 0.75 " |
| Piston diameter | 1/2" |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Mode of operation | double-acting |
| Piston-rod end | Male thread |
| Working pressure | 17.4 ... 145 Psi |
| Operating medium | Filtered compressed air |
| Corrosion resistance classification CRC | 2 |
| Ambient temperature | -4 ... 176 °F |
| Impact energy in end positions | 0.0516 J |
| Theoretical force at 6 bar, return stroke | 11 lbf |
| Theoretical force at 6 bar, advance stroke | 15 lbf |
| Moving mass with 0 mm stroke | 0.282 oz |
| Additional weight per 10 mm stroke | 0.529 oz |
| Basic weight for 0 mm stroke | 3.069 oz |
| Additional mass factor per 10 mm of stroke | 0.071 oz |
| Pneumatic connection | UNF10-32 |
| Working pressure [psi] | 17.4 ... 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 |