

Compact cylinder

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

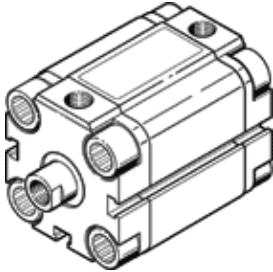
Part number: 546337

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 | 0.75 " |
| 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 |