

Compact cylinder

ADVU-1/2"- -P-A

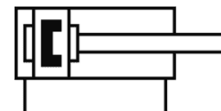
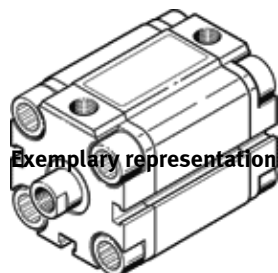
Part number: 160560

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 | 0.04 ... 8 " |
| Piston diameter | 1/2" |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Mode of operation | double-acting |
| Piston-rod end | Female thread |
| Working pressure | 17.4 ... 145 Psi |
| Operating medium | Filtered compressed air |
| Corrosion resistance classification CRC | 2 |
| Ambient temperature | -4 ... 176 °F |
| Theoretical force at 6 bar, return stroke | 51 N |
| Theoretical force at 6 bar, advance stroke | 68 N |
| Moving mass with 0 mm stroke | 8 g |
| Additional weight per 10 mm stroke | 2 g |
| Basic weight for 0 mm stroke | 87 g |
| 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 |