

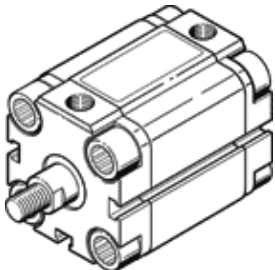
# Compact cylinder

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

Part number: 546360

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.  
 Products to be discontinued. Available until 2011.



### Data sheet

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 1.5 "  |
| Piston diameter                            | 3/4"   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends |
| Mode of operation                          | double-acting                                    |
| Piston-rod end                             | Male 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             | 0.1033 J   |
| Theoretical force at 6 bar, return stroke  | 32 lbf   |
| Theoretical force at 6 bar, advance stroke | 42 lbf   |
| Moving mass with 0 mm stroke               | 0.705 oz   |
| Additional weight per 10 mm stroke         | 0.811 oz   |
| Basic weight for 0 mm stroke               | 5.256 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)<br>NBR                                 |
| Materials information for piston rod       | High alloy steel, non-corrosive                  |
| Materials information for cylinder barrel  | Wrought Aluminium alloy                          |