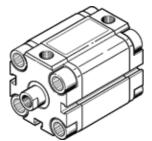
## **Compact cylinder ADVU-1"-1"-P-A** Part number: 546329

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                                     | 1 "  |
| Piston diameter                            | 1"   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends |
| Mode of operation                          | double-acting                                    |
| Piston-rod end                             | Female thread                                    |
| Working 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   |
| Working pressure [psi]                     | 14.5 145 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                           |

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