

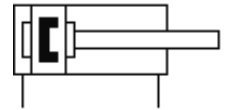
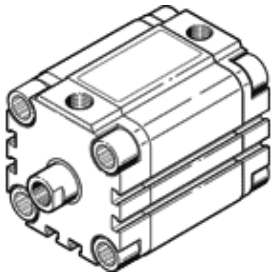
# Compact cylinder

## ADVU-32-15-P-A-CT

Part number: 183375

FESTO

For proximity sensing, piston-rod end with female thread.



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 15 mm   |
| Piston diameter                            | 32 mm   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends  |
| Assembly position                          | Any   |
| Mode of operation                          | double-acting                                     |
| Piston-rod end                             | Female thread                                     |
| Design structure                           | Piston<br>Piston rod                              |
| Position detection                         | For proximity sensor                              |
| Variants                                   | Single-ended piston rod                           |
| Working pressure                           | 0.8 ... 10 bar                                    |
| Operating medium                           | Dried compressed air, lubricated or unlubricated  |
| Corrosion resistance classification CRC    | 2   |
| Ambient temperature                        | -5 ... 60 °C                                      |
| Impact energy in end positions             | 0.4 J   |
| Theoretical force at 6 bar, return stroke  | 415 N   |
| Theoretical force at 6 bar, advance stroke | 483 N   |
| Moving mass with 0 mm stroke               | 49 g  |
| Additional weight per 10 mm stroke         | 40 g  |
| Basic weight for 0 mm stroke               | 300 g   |
| Additional mass factor per 10 mm of stroke | 9 g   |
| Mounting type                              | with accessories<br>Optional<br>with through hole |
| Pneumatic connection                       | G1/8  |
| Materials note                             | Free of copper and PTFE                           |
| Materials information for collar screws    | High alloy steel, non-corrosive                   |
| Materials information for cover            | Wrought Aluminum 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 Aluminum alloy                            |