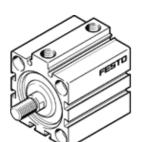
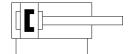
## Short stroke cylinder ADVC-63-25-A-P-A Part number: 188295 Product to be discontinued

For proximity sensing, piston-rod end with male thread. Type to be discontinued. Available until 2026. See Support Portal for alternative products.





**FESTO** 

## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 25 mm  |
| Piston diameter  | 63 mm  |
| Based on the standard                                    | ISO 6431   |
|  | Hole pattern   |
|  | VDMA 24562   |
| Cushioning   | P: Flexible cushioning rings/plates at both ends                 |
| Assembly position  | Any  |
| Mode of operation  | double-acting  |
| Design structure   | Piston   |
|  | Piston rod   |
| Position detection                                       | For proximity sensor   |
| Operating pressure MPa                                   | 0.06 1 MPa   |
| Working pressure   | 0.6 10 bar   |
| Operating pressure                                       | 8.7 145 psi  |
| Operating medium   | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
| Note on operating and pilot medium                       | Lubricated operation possible (subsequently required for further |
|  | operation)   |
| Corrosion resistance classification CRC                  | 1 - Low corrosion stress   |
| PWIS conformity  | VDMA24364-B1/B2-L  |
| Ambient temperature                                      | -20 80 °C  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 1,750 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 1,870 N  |
| Moving mass  | 174 g  |
| Moving mass with 0 mm stroke                             | 142 g  |
| Additional mass factor per 10 mm of stroke               | 16 g   |
| Product weight   | 778 g  |
| Basic weight for 0 mm stroke                             | 626 g  |
| Additional weight per 10 mm stroke                       | 74 g   |
| Mounting type  | with through hole  |
|  | with accessories   |
|  | Optional   |
| Pneumatic connection                                     | G1/8   |
| Materials note   | Conforms to RoHS   |
| Material cover   | Wrought Aluminum alloy   |
|  | Anodized   |
| Material seals   | TPE-U(PU)  |
| Material housing   | Wrought Aluminum alloy   |
|  | Anodized   |
| Material piston rod                                      | High alloy steel   |