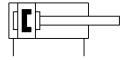
## Compact cylinder ADVULQ-63- -P-A-S6 Part number: 156137







## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 1 mm300 mm   |
| Piston diameter  | 63 mm  |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Mode of operation  | Double-acting  |
| Piston-rod end   | Female thread  |
| Design   | Piston<br>Piston rod   |
| Position detection   | Via proximity switch   |
| Variants   | Heat-resistant seals max. 120°C  |
| Protection against torque/guide                              | Square piston rod  |
| Operating pressure   | 0.1 MPa0.6 MPa<br>1 bar6 bar<br>14.5 psi87 psi   |
| Operating medium   | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                               | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                       | VDMA24364-B1/B2-L  |
| Ambient temperature  | 0 °C120 °C   |
| Impact energy in end positions                               | 0.7 J  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 1750 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 1870 N   |
| Moving mass for 0 mm stroke                                  | 134 g  |
| Additional moving mass per 10 mm stroke                      | 16 g   |
| Basic weight for 0 mm stroke                                 | 1059 g   |
| Additional weight per 10 mm stroke                           | 107 g  |
| Type of mounting   | Either: With through-hole With accessories   |
| Pneumatic connection   | G1/8   |
| Material collar screws                                       | Galvanised steel   |
| Material cover   | Wrought aluminium alloy  |

| Feature                  | Value                   |
|--------------------------|-------------------------|
| Material dynamic seals   | FPM                     |
| Material piston rod      | High-alloy steel        |
| Material cylinder barrel | Wrought aluminium alloy |