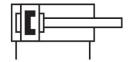
## Swing clamp cylinder CLR-50-50-R-P-A-K11-R8

**FESTO** 

Part number: 535502





## **Data sheet**

| Feature                                      | Value   |
|--|---|
| Complete stroke                              | 71 mm   |
| Piston diameter                              | 50 mm   |
| Piston rod thread                            | M10   |
| Swivel angle                                 | 90 deg +/- 2 deg  |
| Clamping stroke                              | 50 mm   |
| Cushioning                                   | Elastic cushioning rings/pads at both ends                          |
| Mounting position                            | Any   |
| Structural design                            | Piston Piston rod Cylinder barrel                                   |
| Position sensing                             | For proximity sensor  |
| Swivel direction                             | Right   |
| Variants                                     | Weld spatter protection Dust protection                             |
| Operating pressure                           | 2 bar10 bar   |
| Mode of operation                            | Double-acting   |
| Operating medium                             | Compressed air as per ISO 8573-1:2010 [7:4:4]                       |
| Information on operating and pilot media     | Operation with oil lubrication possible (required for further use)  |
| Corrosion resistance class (CRC)             | 2 - Moderate corrosion stress                                       |
| LABS (PWIS) conformity                       | VDMA24364-B2-L  |
| Ambient temperature                          | -10 °C80 °C   |
| Effective clamping force at 2 bar            | 271 N   |
| Effective clamping force at 4 bar            | 508 N   |
| Effective clamping force at 6 bar            | 716 N   |
| Max. clamping finger screw tightening torque | 47 Nm   |
| Theoretical clamping force at 6 bar          | 990 N   |
| Product weight                               | 2155 g  |
| Type of mounting                             | With through-hole With internal thread With accessories Optionally: |
| Pneumatic connection                         | G1/8  |
| Wiper material                               | PPS   |

| Feature                     | Value                                     |
|-----------------------------|---|
| Flange screws material      | Steel<br>Galvanized                       |
| Cover material              | Wrought aluminum alloy<br>Coated          |
| Seals material              | NBR<br>TPE-U(PU)                          |
| Housing material            | Wrought aluminum alloy<br>Smooth anodized |
| Piston rod material         | Coated<br>High-alloy stainless steel      |
| Material of cylinder barrel | Wrought aluminum alloy<br>Smooth anodized |