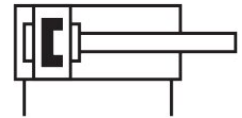
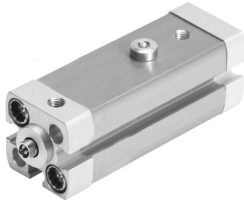


# Swing clamp cylinder CLR-25-20-L-P-A-K11-R8

Part number: 535486

**FESTO**



 General operating condition

## Data sheet

| Feature                                      | Value                                                              |
|----------------------------------------------|--------------------------------------------------------------------|
| Complete stroke                              | 33 mm                                                              |
| Piston diameter                              | 25 mm                                                              |
| Piston rod thread                            | M6                                                                 |
| Swivel angle                                 | 90 deg +/- 3 deg                                                   |
| Clamping stroke                              | 20 mm                                                              |
| Cushioning                                   | Elastic cushioning rings/pads at both ends                         |
| Mounting position                            | Any                                                                |
| Structural design                            | Piston<br>Piston rod<br>Cylinder barrel                            |
| Position sensing                             | For proximity sensor                                               |
| Swivel direction                             | Left                                                               |
| Symbol                                       | 00991217                                                           |
| Variants                                     | Weld spatter protection<br>Dust protection                         |
| Operating pressure                           | 2 bar ... 10 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 °C ... 80 °C                                                   |
| Effective clamping force at 2 bar            | 63 N                                                               |
| Effective clamping force at 4 bar            | 127 N                                                              |
| Effective clamping force at 6 bar            | 188 N                                                              |
| Max. clamping finger screw tightening torque | 12 Nm                                                              |
| Theoretical clamping force at 6 bar          | 227 N                                                              |
| Product weight                               | 470 g                                                              |
| Type of mounting                             | With through-hole<br>With internal thread<br>With accessories      |
| Pneumatic connection                         | M5                                                                 |
| Wiper material                               | PPS                                                                |
| Flange screws material                       | Steel<br>Galvanized                                                |
| Cover material                               | Wrought aluminum alloy<br>Coated                                   |

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