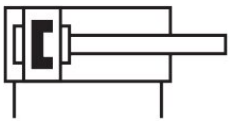
# Swing clamp cylinder
# CLR-63-50-R-P-A-K11-R8

Part number: 535508





## Data sheet

| Feature | Value |
|---|---|
| Complete stroke | 73 mm |
| Piston diameter | 63 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<br>Piston rod<br>Cylinder barrel |
| Position sensing | Via proximity switch |
| Swivel direction | right hand |
| 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 | 441 N |
| Effective clamping force at 4 bar | 823 N |
| Effective clamping force at 6 bar | 1386 N |
| Max. clamping finger screw tightening torque | 47 Nm |
| Theoretical clamping force at 6 bar | 1682 N |
| Product weight | 2625 g |
| Type of mounting | Alternatively:<br>With through-hole<br>With internal thread<br>With accessories |
| 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 |