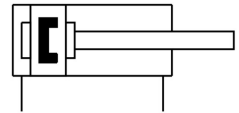


Swing clamp cylinder CLR-50-50-R-P-A-K11-R8

Part number: 535502

FESTO



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 |
| Type code | CLR |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Design | Piston rod Piston Cylinder barrel |
| Position sensing | For proximity sensor |
| Swivel direction | Right |
| Symbol | 00991217 |
| Variants | Welding splatter protection 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 |
| Ambient temperature | -10 °C ... 80 °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 Optionally: With accessories With internal thread |
| Pneumatic connection | G1/8 |
| Scraper material | PPS |
| Flange screws material | Galvanized Steel |
| Cover material | Coated Wrought aluminum alloy |

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