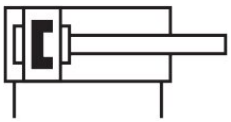
Swing clamp cylinder
CLR-50-50-R-P-A-K11-R8

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	Via proximity switch
Swivel direction	right hand
Variants	Weld spatter 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
LABS (PWIS) conformity	VDMA24364-B2-L
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	Alternatively: With through-hole With internal thread With accessories
Pneumatic connection	G1/8
Wiper material	PPS

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