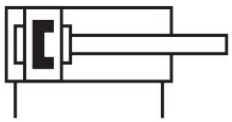
Swing clamp cylinder
CLR-12-10-R-P-A

Part number: 535431





Data sheet

Feature	Value
Complete stroke	19 mm
Piston diameter	12 mm
Piston rod thread	M3
Swivel angle	90 deg +/- 4 deg
Clamping stroke	10 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
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	12 N
Effective clamping force at 4 bar	23 N
Effective clamping force at 6 bar	34 N
Max. clamping finger screw tightening torque	1.2 Nm
Theoretical clamping force at 6 bar	51 N
Product weight	135 g
Type of mounting	Alternatively: With through-hole With internal thread With accessories
Pneumatic connection	M5
Flange screws material	Steel Galvanized
Cover material	Wrought aluminum alloy

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