

Linear/swivel clamp CLR-63-50-R-P-A

Part number: 535468

FESTO

Clamping system with linear and swivel motion, 90° to the right,
standard port pattern per ISO 21287



Data sheet

Feature	Value
Total stroke	73 mm
Piston diameter	63 mm
Piston rod thread	M10
Swivel angle	90 deg +/- 2 deg
Clamping stroke	50 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Swivel direction	Right
Working pressure	2 ... 10 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-10 ... 80 °C
Effective clamping force at 0.2 MPa (2 bar, 29 psi)	441 N
Effective clamping force at 0.4 MPa (4 bar, 58 psi)	823 N
Effective clamping force at 0.6 MPa (6 bar, 87 psi)	1,386 N
Max. tightening torque, tensioning finger screw	47 Nm
Theoretical clamping force at 0.6 MPa (6 bar, 87 psi)	1,682 N
Product weight	2,635 g
Mounting type	with through hole with internal (female) thread with accessories Optional
Pneumatic connection	G1/8
Material of flange screw	Steel Galvanized
Material cover	Wrought Aluminum alloy coated
Material seals	NBR TPE-U(PU)
Material housing	Wrought Aluminum alloy Smooth anodized
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminum alloy Smooth anodized