

Linear/swivel clamp CLR-25-20-R-P-A

Part number: 535445

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Total stroke	33 mm
Piston diameter	25 mm
Piston rod thread	M6
Swivel angle	90 deg +/-3 deg
Clamping stroke	20 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Design	Piston Piston rod Cylinder barrel
Position detection	Via proximity switch
Swivel direction	right
Symbol	00991217
Operating pressure	2 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-10 °C ... 80 °C
Effective clamping force at 0.2 MPa (2 bar, 29 psi)	63 N
Effective clamping force at 0.4 MPa (4 bar, 58 psi)	127 N
Effective clamping force at 0.6 MPa (6 bar, 87 psi)	188 N
Max. tightening torque Clamping finger screw	12 Nm
Theoretical clamping force at 0.6 MPa (6 bar, 87 psi)	227 N
Product weight	455 g
Type of mounting	With through-hole With female thread With accessories
Pneumatic connection	M5
Material collar screws	Steel Galvanised
Material cover	Wrought aluminium alloy coated
Material seals	NBR TPE-U(PU)
Material housing	Smooth-anodised

Feature	Value
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy Smooth-anodised