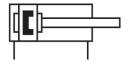
Linear/swivel clamp CLR-50-20-G-P-A-K11-R8

FESTO

Part number: 535501





Data sheet

Total stroke Piston diameter Piston rod thread Clamping stroke Cushioning Mounting position Design Position detection Swivel direction	41 mm 50 mm M10 20 mm Elastic cushioning rings/plates at both ends optional Piston Piston rod Cylinder barrel Via proximity switch Straight
Piston rod thread Clamping stroke Cushioning Mounting position Design Position detection Swivel direction	M10 20 mm Elastic cushioning rings/plates at both ends optional Piston Piston rod Cylinder barrel Via proximity switch Straight
Clamping stroke Cushioning Mounting position Design Position detection Swivel direction	20 mm Elastic cushioning rings/plates at both ends optional Piston Piston rod Cylinder barrel Via proximity switch Straight
Cushioning Mounting position Design Position detection Swivel direction	Elastic cushioning rings/plates at both ends optional Piston Piston rod Cylinder barrel Via proximity switch Straight
Mounting position Design Position detection Swivel direction	optional Piston Piston rod Cylinder barrel Via proximity switch Straight
Design Position detection Swivel direction	Piston Piston rod Cylinder barrel Via proximity switch Straight
Position detection Swivel direction	Piston rod Cylinder barrel Via proximity switch Straight
Swivel direction	Straight
Variants	Weld spatter protection Dust protection
Operating pressure	2 bar10 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 °C80 °C
Effective clamping force at 0.2 MPa (2 bar, 29 psi)	271 N
Effective clamping force at 0.4 MPa (4 bar, 58 psi)	508 N
Effective clamping force at 0.6 MPa (6 bar, 87 psi)	716 N
Max. tightening torque Clamping finger screw	47 Nm
Theoretical clamping force at 0.6 MPa (6 bar, 87 psi)	990 N
Product weight	1690 g
Type of mounting	With through-hole Via female thread With accessories Either:
Pneumatic connection	G1/8
Material wiper	G1/0

Feature	Value
Material collar screws	Steel Galvanised
Material cover	Wrought aluminium alloy Coated
Material seals	NBR TPE-U(PU)
Material housing	Wrought aluminium alloy Smooth anodised
Material piston rod	Coated High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy Smooth anodised