

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

Part number: 535501

FESTO



 General operating condition

Data sheet

Feature	Value
Total stroke	41 mm
Piston diameter	50 mm
Piston rod thread	M10
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	Straight
Symbol	00991217
Variants	Weld spatter protection Dust protection
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)	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 With female thread With accessories
Pneumatic connection	G1/8
Material wiper	PPS
Material collar screws	Steel Galvanised
Material cover	Wrought aluminium alloy coated

Feature	Value
Material seals	NBR TPE-U(PU)
Material housing	Smooth-anodised
Material piston rod	coated High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy Smooth-anodised