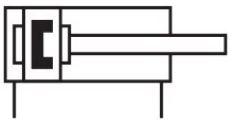
Linear/swivel clamp
CLR-50-20-G-P-A-K11-R8

Part number: 535501



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
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	Either: With through-hole With female thread With accessories
Pneumatic connection	G1/8
Material wiper	PPS

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