

Linear/Swivel Clamp CLR-50-20-R-P-A-K11-R8 - Festo 535499

Item no. FES-535499

Manufacturer Festo

EAN 4052568015916

Festo rotary actuator for defined swivel motion and positioning in automation.

TECHNICAL DATA

Ausführungstyp	Schweißspritzerschutz, Staubschutz
Betriebsdruck max [bar]	10.000000
Bohrung (mm)	50.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Piston, piston rod, cylinder tube
Dichtmaterial	NBR, TPE-U(PU)
Funktion	doppeltwirkend
HS-Code	84123100
Medium	Druckluft
Mounting position	arbitrary
Pneumatischer Anschluss	G1/8
Position sensing	Yes
Serie	CLR
Temperature (max.)	80
Weight	1.6 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo rotary actuator for defined swivel motion and positioning in automation. The key technical data of this genuine Festo article are listed below.

Total stroke [mm]	41
Piston diameter	50 mm
Piston rod thread	M10
Swivel angle	90 deg ± 2 deg
Clamping stroke [mm]	20
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary

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Construction set up	Piston piston rod cylinder tube
Position detection	For proximity switch
Swivel direction	Right
Operating pressure [bar]	2 to 10
Principle of operation	double acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	2 - moderate corrosion stress
ambient temperature [°C]	-10 to 80
Effective clamping strength at 2 bar [N]	271
Effective clamping strength at 4 bar [N]	508
Effective clamping strength at 6 bar [N]	716
Max. tightening torque Clamping finger screw [Nm]	47,0
Theoretical clamping strength at 6 bar [N]	990
Product weight [g]	1.690
Fastening type	With throughway bores With female thread With Accessories Selectively:
Pneumatic connection	G1/8
Flush screw material	Steel zinc plating
Cover material	Aluminium wrought alloy Coated
Seals material	NBR TPE-U(PU)
Housing material	Aluminium wrought alloy Smooth anodised
Piston rod material	Coated High-alloyed stainless steels
Cylinder tube material	Aluminium wrought alloy Smooth anodised
Variants	dust protection Welding spatter protection
Wiper material	PPS