

Swing clamp cylinder CLR-50-50-L-P-A

Part number: 535463

FESTO



Data sheet

Feature	Value
Complete stroke	71 mm
Piston diameter	50 mm
Piston rod thread	M10
Swivel angle	90 deg +/- 2 deg
Clamping stroke	50 mm
Type code	CLR
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Design	Piston Cylinder barrel Piston rod
Position sensing	For proximity sensor
Swivel direction	Left
Symbol	00991217
Operating pressure	2 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Ambient temperature	-10 °C ... 80 °C
Effective clamping force at 2 bar	271 N
Effective clamping force at 4 bar	508 N
Effective clamping force at 6 bar	716 N
Max. clamping finger screw tightening torque	47 Nm
Theoretical clamping force at 6 bar	990 N
Product weight	2115 g
Type of mounting	With accessories With through-hole With internal thread Optionally:
Pneumatic connection	G1/8
Flange screws material	Galvanized Steel
Cover material	Coated Wrought aluminum alloy
Seals material	TPE-U(PU) NBR

Feature	Value
Housing material	Smooth anodized Wrought aluminum alloy
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	Smooth anodized Wrought aluminum alloy