

Swing clamp cylinder CLR-25-20-R-P-A

Part number: 535445

FESTO



 General operating condition

Data sheet

Feature	Value
Complete stroke	33 mm
Piston diameter	25 mm
Piston rod thread	M6
Swivel angle	90 deg +/- 3 deg
Clamping stroke	20 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	Via proximity switch
Swivel direction	right hand
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
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-10 °C ... 80 °C
Effective clamping force at 2 bar	63 N
Effective clamping force at 4 bar	127 N
Effective clamping force at 6 bar	188 N
Max. clamping finger screw tightening torque	12 Nm
Theoretical clamping force at 6 bar	227 N
Product weight	455 g
Type of mounting	With through-hole With internal thread With accessories
Pneumatic connection	M5
Flange screws material	Steel Galvanized
Cover material	Wrought aluminum alloy Coated
Seals material	NBR TPE-U(PU)
Housing material	Smooth-anodized
Piston rod material	high-alloy stainless steel

Feature	Value
Material of cylinder barrel	Wrought aluminum alloy Smooth-anodized