

# Swing clamp cylinder CLR-32-10-R-P-A-B

FESTO

Part number: 543177



 [General operating condition](#)

## Data sheet

Feature	Value
Complete stroke	28 mm
Piston diameter	32 mm
Piston rod thread	M8
Swivel angle	90 deg +/- 2 deg
Clamping stroke	10 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Swivel direction	Right
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	111 N
Effective clamping force at 4 bar	216 N
Effective clamping force at 6 bar	313 N
Max. clamping finger screw tightening torque	24 Nm
Theoretical clamping force at 6 bar	362 N
Product weight	685 g
Type of mounting	Optionally: With through-hole With internal thread With accessories
Pneumatic connection	G1/8
Flange screws material	Steel Galvanized
Cover material	Wrought aluminum alloy Coated
Seals material	NBR TPE-U(PU)

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