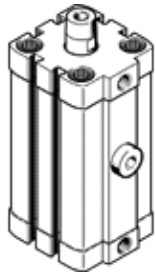


# linear/swivel clamp CLR-32-20-R-P-A-B

Part number: 543179

FESTO

Clamping system with linear movement, standardised hole pattern to ISO 21287.



## Data sheet

Feature	Value
Total stroke	38 mm
Piston diameter	32 mm
Piston rod thread	M8
Swivel angle	90 deg +/- 2 deg
Clamping stroke	20 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Swivel direction	Right
Operating pressure	2 ... 10 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Ambient temperature	-10 ... 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. tightening torque, tensioning finger screw	24 Nm
Theoretical clamping force at 6 bar	362 N
Product weight	765 g
Mounting type	Optional with through hole with internal (female) thread with accessories
Pneumatic connection	G1/8
Material of flange screw	Steel Galvanised
Material cover	Wrought Aluminium alloy coated
Material seals	NBR TPE-U(PU)
Material housing	Wrought Aluminium alloy Smooth anodised
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminium alloy Smooth anodised