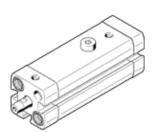
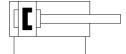
Linear/swivel clamp CLR-25-20-R-P-A Part number: 535445



Clamping system with linear and swivel motion, 90° to the right, standard port pattern per ISO 21287





Data sheet

Feature	Value
Total stroke	33 mm
Piston diameter	25 mm
Piston rod thread	M6
Swivel angle	90 deg +/- 3 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
Working 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
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-10 80 °C
Effective clamping force at 0.2 MPa (2 bar, 29 psi)	63 N
Effective clamping force at 0.4 MPa (4 bar, 58 psi)	127 N
Effective clamping force at 0.6 MPa (6 bar, 87 psi)	188 N
Max. tightening torque, tensioning finger screw	12 Nm
Theoretical clamping force at 0.6 MPa (6 bar, 87 psi)	227 N
Product weight	455 g
Mounting type	with through hole
	with internal (female) thread
	with accessories
	Optional
Pneumatic connection	M5
Material of flange screw	Steel
	Galvanized
Material cover	Wrought Aluminum alloy
	coated
Material seals	NBR
	TPE-U(PU)
Material housing	Wrought Aluminum alloy
	Smooth anodized
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminum alloy
	Smooth anodized