

Locking cartridges

KP-25-5000

Part number: 178460

FESTO



Data sheet

Feature	Value
Assembly position	Any
Type of clamping with direction of action	at both ends Clamping with spring, release with compressed air
Design structure	Tilting disks
Variants	Single-ended piston rod
Operating pressure MPa	≤ 1 MPa
Working pressure	≤ 10 bar
Release pressure (MPa)	≥ 0.3 MPa
Release pressure (bar)	≥ 3 bar
Round material to be clamped	25 mm
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-B1/B2-L
Ambient temperature	-10 ... 80 °C
Static holding force	5,000 N
Product weight	700 g
Material seals	NBR TPE-U(PU)
Material spring	Spring steel
Material housing	Aluminum Anodized
Material clamp jaws	Brass
Material piston	POM