Clamping unit
KPE-25

Part number: 178469



Data sheet

Feature	Value
Mounting position	Any
Clamping type with active direction	Both sides Clamped by spring, released by compressed air
Structural design	Tilting plate
Variants	Piston rod at one end
Position sensing	None
Safety function	Holding and stopping a movement
Operating pressure	0.3 MPa...1 MPa 3 bar...10 bar 43.5 psi...145 psi
Release pressure	0.3 MPa 3 bar
Round material to be clamped	25 mm
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-B1/B2-L
Ambient temperature	-10 °C...80 °C
Static holding force	5000 N
Product weight	2000 g
Clamping unit release connection	G1/8
Note on materials	RoHS compliant
Seals material	NBR TPE-U(PU)
Material of spring	Spring steel
Housing material	Aluminum Anodized
Clamping jaws material	Brass
Material of piston	POM