# Clamping unit
# KPE-16

Part number: 178467



## Data sheet

| Feature | Value |
|---|---|
| Mounting position | Any |
| Clamping type with active direction | Both sides<br>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<br>3 bar...10 bar<br>43.5 psi...145 psi |
| Release pressure | 0.3 MPa<br>3 bar |
| Round material to be clamped | 16 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 | 1000 N |
| Product weight | 410 g |
| Clamping unit release connection | G1/8 |
| Note on materials | RoHS compliant |
| Seals material | NBR<br>TPE-U(PU) |
| Material of spring | Spring steel |
| Housing material | Aluminum<br>Anodized |
| Clamping jaws material | Brass |
| Material of piston | POM |