

Clamping cartridge KP-25-5000

Part number: 178460

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|--|
| Mounting position | Any |
| Clamping type with active direction | Both sides Clamped by spring, released by compressed air |
| Structural design | Hinge-down panes |
| Variants | Piston rod at one end |
| Operating pressure | ≤1 MPa |
| Operating pressure | ≤10 bar |
| Release pressure | ≥0.3 MPa |
| Release pressure | ≥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 | 700 g |
| Seals material | NBR TPE-U(PU) |
| Material of spring | Spring steel |
| Housing material | Aluminum Anodized |
| Clamping jaws material | Brass |
| Material of piston | POM |