

# Clamping cartridge KP-20-1400

Part number: 178458

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Type code                                | KP                                                                 |
| Mounting position                        | Any                                                                |
| Clamping type with active direction      | Both sides<br>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             | 20 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                                      |
| Ambient temperature                      | -10 °C ... 80 °C                                                   |
| Static holding force                     | 1400 N                                                             |
| Product weight                           | 170 g                                                              |
| 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                                                                |