

# Clamping unit KPE-12

Part number: 178466

FESTO



 General operating condition

## Data sheet

| Feature                                   | Value  |
|---|--|
| Mounting position                         | optional   |
| Type of clamping with direction of action | on both sides<br>Clamping via spring force, released via compressed air                    |
| Design                                    | Tilting wedge mechanism  |
| Variants                                  | Piston rod at one end  |
| Position detection                        | Without  |
| Safety function                           | Holding and stopping a movement  |
| Operating pressure                        | 0.3 MPa ... 1 MPa  |
| Operating pressure                        | 3 bar ... 10 bar   |
| Operating pressure                        | 43.5 psi ... 145 psi   |
| Release pressure                          | ≥0.3 MPa   |
| Release pressure                          | ≥3 bar   |
| Round material to be clamped              | 12 mm  |
| Operating medium                          | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium        | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC            | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                    | VDMA24364-B1/B2-L  |
| Ambient temperature                       | -10 °C ... 80 °C   |
| Static holding force                      | 600 N  |
| Product weight                            | 270 g  |
| Note on materials                         | RoHS-compliant   |
| Material seals                            | NBR<br>TPE-U(PU)   |
| Material spring                           | Spring steel   |
| Material housing                          | Anodised   |
| Material clamp jaws                       | Brass  |
| Material piston                           | POM  |