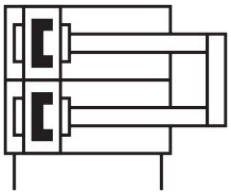
# Twin cylinder
# DPZ-32-10-P-A

Part number: 159817





## Data sheet

| Feature | Value |
|---|---|
| Distance of centre of gravity of payload to yoke plate xs | 0 mm |
| Stroke | 10 mm |
| Adjustable end position range/length | 10 mm |
| Piston diameter | 32 mm |
| Drive unit operating mode | Yoke |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Guide | Plain-bearing guide |
| Structural design | Guide |
| Position sensing | Via proximity switch |
| Operating pressure | 0.1 MPa...1 MPa<br>1 bar...10 bar |
| Mode of operation | Double-acting |
| 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 | -20 °C...80 °C |
| Impact energy in the end positions | 0.5 Nm |
| Max. payload as a function of the stroke at defined distance xs | 104 N |
| Theoretical force at 6 bar, retracting | 724 N |
| Theoretical force at 6 bar, advancing | 966 N |
| Product weight | 1473 g |
| Alternative connections | See product drawing |
| Pneumatic connection | G1/8 |
| Cover material | Wrought aluminum alloy |
| Seals material | NBR |
| Housing material | Wrought aluminum alloy |
| Piston rod material | high-alloy stainless steel |