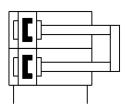
## Dual piston rod cylinder DPZ-16-25-P-A Part number: 32687





## **Data sheet**

| Feature   | Value  |
|---|--|
| Distance of centre of gravity of payload to yoke plate xs       | 0 mm   |
| Stroke  | 25 mm  |
| Adjustable end position range/length                            | 10 mm  |
| Piston diameter   | 16 mm  |
| Drive unit operating mode                                       | Yoke   |
| Cushioning  | Elastic cushioning rings/pads at both ends                         |
| Mounting position   | Any  |
| Guide   | Sliding guide  |
| Structural design   | Guide  |
| Position sensing  | For proximity sensor   |
| Operating pressure  | 0.1 MPa1 MPa<br>1 bar10 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 °C80 °C  |
| Impact energy in the end positions                              | 0,15 Nm  |
| Max. payload as a function of the stroke at defined distance xs | 16 N   |
| Theoretical force at 6 bar, retracting                          | 180 N  |
| Theoretical force at 6 bar, advancing                           | 242 N  |
| Alternative connections   | See product drawing  |
| Pneumatic connection  | M5   |
| Cover material  | Wrought aluminum alloy   |
| Seals material  | NBR  |
| Housing material  | Wrought aluminum alloy   |
| Piston rod material   | High-alloy stainless steel   |

## **FESTO**