

# Twin cylinder DPZ-16-50-P-A

Part number: 32689

FESTO



 [General operating condition](#)

## Data sheet

| Feature  | Value  |
|--|--|
| Distance from centre of gravity of load to yoke plate xs         | 0 mm   |
| Stroke   | 50 mm  |
| Adjustable end-position range/length                             | 10 mm  |
| Piston diameter  | 16 mm  |
| Operating mode, drive unit                                       | Yoke   |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Guide  | Plain-bearing guide  |
| Design   | Guidance   |
| Position detection   | Via proximity switch   |
| Symbol   | 00991249   |
| Operating pressure   | 0.1 MPa ... 1 MPa  |
| Operating pressure   | 1 bar ... 10 bar   |
| Mode of operation  | Double-acting  |
| 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  | -20 °C ... 80 °C   |
| Impact energy in end positions                                   | 0.15 J   |
| Max. effective load dependent upon stroke at defined distance xs | 12 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke      | 180 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke     | 242 N  |
| alternative connections  | See product drawing  |
| Pneumatic connection   | M5   |
| Material cover   | Wrought aluminium alloy  |
| Material seals   | NBR  |
| Material housing   | Wrought aluminium alloy  |
| Material piston rod  | High-alloy stainless steel   |