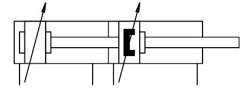


# Tandem cylinder DNCT-50- -PPV-A

Part number: 191108

**FESTO**



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 2 mm...500 mm  |
| Piston diameter  | 50 mm  |
| Based on standard  | ISO 15552 (previously also VDMA 24562, ISO 6431, NF E49 003.1, UNI 10290)                  |
| Cushioning   | Pneumatic cushioning, adjustable at both ends  |
| Mounting position  | optional   |
| Mode of operation  | Double-acting  |
| Piston-rod end   | Male thread  |
| Design   | Piston<br>Piston rod<br>Profile barrel   |
| Position detection   | Via proximity switch   |
| Variants   | Piston rod at one end  |
| Operating pressure   | 0.06 MPa...1 MPa<br>0.6 bar...10 bar   |
| 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-B2-L   |
| Ambient temperature  | -20 °C...80 °C   |
| Impact energy in end positions                               | 0.2 J  |
| Cushioning length  | 22 mm  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 1980 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 2168 N   |
| Type of mounting   | With accessories   |
| Pneumatic connection   | G1/4   |
| Note on materials  | RoHS-compliant   |
| Material cover   | Die-cast aluminium   |
| Material seals   | NBR<br>TPE-U(PU)   |
| Material housing   | Wrought aluminium alloy<br>Smooth anodised   |

| Feature             | Value            |
|---------------------|------------------|
| Material piston rod | High-alloy steel |