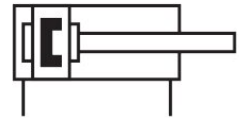


# Stopper cylinder DFSP-Q-32-15-DF-PA

Part number: 576114

**FESTO**



## Data sheet

| Feature                                                   | Value                                                                                      |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Stroke                                                    | 15 mm                                                                                      |
| Piston diameter                                           | 32 mm                                                                                      |
| Piston rod thread                                         | M6                                                                                         |
| Cushioning                                                | Elastic cushioning rings/plates at both ends                                               |
| Mounting position                                         | optional                                                                                   |
| Mode of operation                                         | Double-acting                                                                              |
| Design                                                    | Piston<br>Piston rod<br>Profile barrel<br>Non-rotating                                     |
| Position detection                                        | Via proximity switch                                                                       |
| Piston-rod end                                            | Female thread                                                                              |
| Variants                                                  | Piston rod with female thread<br>Non-rotating piston rod                                   |
| Protection against torque/guide                           | Flattened piston rod                                                                       |
| Operating pressure                                        | 0.1 MPa...1 MPa<br>1 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-B1/B2-L                                                                          |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1                                                           |
| Ambient temperature                                       | -10 °C...80 °C                                                                             |
| Impact force                                              | 3270 N                                                                                     |
| Permissible lateral force during switching operation      | 595 N                                                                                      |
| Max. cycle frequency                                      | 5 Hz                                                                                       |
| Type of mounting                                          | Either:<br>With through-hole<br>Via female thread<br>With accessories                      |
| Pneumatic connection                                      | G1/8                                                                                       |
| Note on materials                                         | RoHS-compliant                                                                             |
| Material collar screws                                    | Galvanised steel                                                                           |

| Feature                  | Value                                      |
|--------------------------|--------------------------------------------|
| Material cover           | Wrought aluminium alloy<br>Anodised        |
| Material seals           | TPE-U(PU)                                  |
| Material piston rod      | High-alloy stainless steel                 |
| Material roll            | Galvanised steel                           |
| Material cylinder barrel | Wrought aluminium alloy<br>Smooth anodised |