

# Stopper Cylinder DFSP-20-15-PS-PA - Festo 576079

Item no. FES-576079

Manufacturer Festo

EAN 4052568224431

Festo pneumatic cylinder for precise linear motion and defined force in automation.

## TECHNICAL DATA

|                         |           |
|-------------------------|-----------|
| Betriebsdruck max [bar] | 10.000000 |
| Bohrung (mm)            | 20.000000 |
| HS-Code                 | 84123100  |
| Hub [mm]                | 15.000000 |
| Pneumatischer Anschluss | M5        |
| Weight                  | 0.22 kg   |



## STANDARDS & COMPLIANCE

ISO 8573-1:2010

## DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Stroke [mm]                                    | 15                                                        |
| Piston diameter                                | 20 mm                                                     |
| Dampening                                      | P: Elastic silencer rings / plates double-sided           |
| installation position                          | arbitrary                                                 |
| Principle of operation                         | single action<br>Pulling                                  |
| Construction set up                            | Piston<br>piston rod<br>profile tube                      |
| Position detection                             | For proximity switch                                      |
| Anti-twist lock / guide                        | Round piston rod                                          |
| Operating pressure [bar]                       | 1.6 to 10                                                 |
| Operating medium                               | Compressed air to ISO 8573-1:2010 [7:4:4]                 |
| Information about operating and control medium | Oiled operation possible (required in further operations) |

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|----------------------------------------------------|---------------------------------------------------------------------------------|
| Corrosion resistant class KBK                      | 2 - moderate corrosion stress                                                   |
| ambient temperature [°C]                           | -10 to 80                                                                       |
| Impact strength [N]                                | 1.370                                                                           |
| Permitted shear force during switching process [N] | 228                                                                             |
| Max. cycle frequency [Hz]                          | 5                                                                               |
| Fastening type                                     | With throughway bores<br>With female thread<br>With Accessories<br>Selectively: |
| Pneumatic connection                               | M5                                                                              |
| Material information                               | RoHs compliant                                                                  |
| Flush screw material                               | Zinc plated steel                                                               |
| Cover material                                     | Aluminium wrought alloy<br>anodized                                             |
| Seals material                                     | TPE-U(PU)                                                                       |
| Piston rod material                                | High-alloyed stainless steels                                                   |
| Roller material                                    | Zinc plated steel                                                               |
| Cylinder tube material                             | Aluminium wrought alloy<br>Smooth anodised                                      |