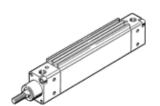
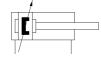
## flat cylinder DZH-25-40-PPV-A Part number: 151122

**FESTO** 

Non-rotating, for proximity sensing, with adjustable cushioning at both ends. Various mounting options, with or without additional mounting components.





## **Data sheet**

| Feature                                     | Value  |
|---|--|
| Stroke                                      | 40 mm  |
| Piston diameter                             | 25 mm  |
|   | Equivalent diameter  |
| Max. angular deflection of piston rod +/-   | 2.4 deg  |
| Cushioning                                  | PPV: Pneumatic cushioning adjustable at both ends                |
| Assembly position                           | Any  |
| Mode of operation                           | double-acting  |
| Design structure                            | Piston   |
|   | Piston rod   |
| Position detection                          | For proximity sensor   |
| Protection against torque/guide             | Oval piston  |
| Operating pressure                          | 1 10 bar   |
| Operating medium                            | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
| Note on operating and pilot medium          | Lubricated operation possible (subsequently required for further |
|   | operation)   |
| Corrosion resistance classification CRC     | 2 - Moderate corrosion stress                                    |
| Ambient temperature                         | -20 80 °C  |
| Cushioning length                           | 17 mm  |
| Max. torque for protection against rotation | 0.8 Nm   |
| Theoretical force at 6 bar, return stroke   | 247 N  |
| Theoretical force at 6 bar, advance stroke  | 295 N  |
| Additional weight per 10 mm stroke          | 21 g   |
| Basic weight for 0 mm stroke                | 330 g  |
| Mounting type                               | with internal (female) thread                                    |
|   | with accessories   |
|   | Optional   |
| Pneumatic connection                        | G1/8   |
| Materials note                              | Conforms to RoHS   |
| Material cover                              | Aluminium  |
| Material seals                              | TPE-U(PU)  |
| Material housing                            | Aluminium  |
| Material piston rod                         | High alloy steel   |