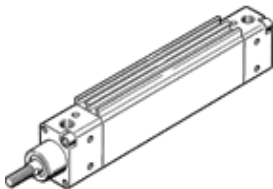


flat cylinder DZH-20-160-PPV-A

Part number: 151140

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 | 160 mm |
| Piston diameter | 20 mm Equivalent diameter |
| Max. angular deflection of piston rod +/- | 2.6 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 | 0.6 Nm |
| Theoretical force at 6 bar, return stroke | 158 N |
| Theoretical force at 6 bar, advance stroke | 188 N |
| Additional weight per 10 mm stroke | 15 g |
| Basic weight for 0 mm stroke | 230 g |
| Mounting type | Optional with internal (female) thread with accessories |
| 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 |