

Guide cylinder DFP-80-200-PPV-A

Part number: 186760
Product to be discontinued

FESTO

Protected against torsion, for proximity sensing.
Type to be discontinued. Available until 2018. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|--|---|
| Stroke | 200 mm |
| Piston diameter | 80 mm |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position | Any |
| Guide | Recirculating ball bearing guide |
| Design structure | Guide |
| Position detection | For proximity sensor |
| Working pressure | 0.5 ... 10 bar |
| Max. speed | 0.9 m/s |
| Mode of operation | double-acting |
| 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 | 0 - No corrosion stress |
| Ambient temperature | -10 ... 60 °C |
| Cushioning length | 32 mm |
| Theoretical force at 6 bar, return stroke | 2,262 N |
| Theoretical force at 6 bar, advance stroke | 3,016 N |
| Moving mass | 4,794 g |
| Product weight | 10,490 g |
| Pneumatic connection | G3/8 |
| Materials note | Free of copper and PTFE |
| Material cover | Wrought Aluminum alloy |
| Material seals | NBR |
| Material housing | Wrought Aluminum alloy |
| Material piston rod | Heat-treatment steel |