

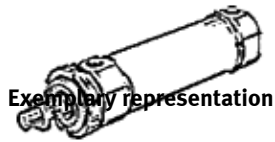
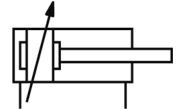
Round cylinder DSAQ-50- -PPV-Q

Part number: 176528

FESTO

End cap with air connection perpendicular to cylinder axis, with square piston rod

This product is only available if ordered from Festo Korea Co. Ltd.



Data sheet

| Feature | Value |
|--|---|
| Stroke | 1 ... 500 mm |
| Piston diameter | 50 mm |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Protection against torque/guide | Square guide |
| Operating pressure | 1 ... 10 bar |
| 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 | 2 |
| Ambient temperature | -20 ... 80 °C |
| Cushioning length | 27 mm |
| Theoretical force at 6 bar, return stroke | 989 N |
| Theoretical force at 6 bar, advance stroke | 1,178 N |
| Moving mass with 0 mm stroke | 892 g |
| Additional weight per 10 mm stroke | 40.1 g |
| Basic weight for 0 mm stroke | 977 g |
| Additional mass factor per 10 mm of stroke | 24.8 g |
| Pneumatic connection | M45x1,5 |
| Materials information for cover | Wrought Aluminium alloy |
| Materials information for seals | NBR TPE-U(PU) |
| Materials information, housing | High alloy steel, non-corrosive |
| Materials information for piston rod | High alloy steel |