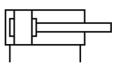
Round cylinder DSAA-6- -P Part number: 176181

End cap with air connection in line with cylinder axis This product is only available if ordered from Festo Korea Co. Ltd.



Data sheet

| Feature | Value |
|--|---|
| Stroke | 1 50 mm |
| Piston diameter | 6 mm |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Working 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 |
| Theoretical force at 6 bar, return stroke | 12.7 N |
| Theoretical force at 6 bar, advance stroke | 16.9 N |
| Moving mass with 0 mm stroke | 4.8 g |
| Additional weight per 10 mm stroke | 1.4 g |
| Basic weight for 0 mm stroke | 14 g |
| Additional mass factor per 10 mm of stroke | 0.5 g |
| Pneumatic connection | M5 |
| Materials information for cover | Wrought Aluminum 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, non-corrosive |



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