

Round cylinder DSAB-10- -P-A

Part number: 171275

FESTO

With bearing cover for direct mounting, with air connection in line with cylinder axis

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



Exemplary representation



Data sheet

| Feature | Value |
|--|---|
| Stroke | 1 ... 160 mm |
| Piston diameter | 10 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 | 39.6 N |
| Theoretical force at 6 bar, advance stroke | 47.1 N |
| Moving mass with 0 mm stroke | 11.1 g |
| Additional weight per 10 mm stroke | 2.7 g |
| Basic weight for 0 mm stroke | 19 g |
| Additional mass factor per 10 mm of stroke | 1 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 |