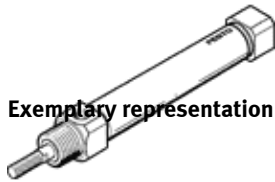


# Round cylinder DSAA-10- -P-A

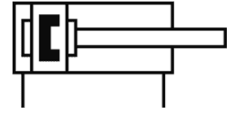
Part number: 171259

FESTO

End cap 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                            |
| 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   |
| 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 Aluminium alloy   |
| Materials information for seals            | NBR<br>TPE-U(PU)  |
| Materials information, housing             | High alloy steel, non-corrosive   |
| Materials information for piston rod       | High alloy steel, non-corrosive   |