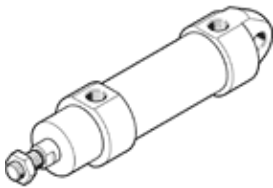


round cylinder CRDSNU-B-40-100-PPS-A-MG-A1

Part number: 8073984

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 100 mm |
| Piston diameter | 40 mm |
| Based on the standard | ISO 15552 |
| Cushioning | PPS: Self-adjusting pneumatic end-position cushioning |
| Assembly position | Any |
| Design structure | Piston Piston rod Cylinder barrel |
| Position detection | For proximity sensor |
| 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 | 4 - Very high corrosion stress |
| Food-safe | See Supplementary material information |
| Ambient temperature | 0 ... 80 °C |
| Theoretical force at 6 bar, return stroke | 633 N |
| Theoretical force at 6 bar, advance stroke | 754 N |
| Moving mass with 0 mm stroke | 232 g |
| Additional weight per 10 mm stroke | 23.8 g |
| Basic weight for 0 mm stroke | 1,327 g |
| Additional mass factor per 10 mm of stroke | 15.8 g |
| Mounting type | with accessories |
| Pneumatic connection | G1/4 |
| Materials note | Conforms to RoHS |
| Material cover | High alloy steel, non-corrosive |
| Material piston rod | High alloy steel, non-corrosive |
| Material cylinder barrel | High alloy steel, non-corrosive |