

Round cylinder DSEU-16-10-P-A-MA

Part number: 188645

FESTO

End cap with air connection in line with cylinder axis
Type to be discontinued. Available until 2011.



Data sheet

| Feature | Value |
|--|--|
| Stroke | 10 mm |
| Piston diameter | 16 mm |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Design structure | Piston Piston rod Cylinder barrel |
| Position detection | For proximity sensor |
| Variants | axial supply port |
| Working pressure | 1.5 ... 10 bar |
| Mode of operation | double-acting |
| Operating medium | Dried compressed air, lubricated or unlubricated |
| Corrosion resistance classification CRC | 1 |
| Ambient temperature | 0 ... 80 °C |
| Theoretical force at 6 bar, return stroke | 104 N |
| Theoretical force at 6 bar, advance stroke | 121 N |
| Moving mass with 0 mm stroke | 16.2 g |
| Additional weight per 10 mm stroke | 5 g |
| Basic weight for 0 mm stroke | 47.7 g |
| Mounting type | with accessories |
| Pneumatic connection | M5 |
| Materials note | Contains PWIS substances |
| Materials information for cover | Wrought Aluminum alloy |
| Materials information for seals | TPE-U(PU) |
| Materials information, housing | High alloy steel, non-corrosive |
| Materials information for piston rod | High alloy steel, non-corrosive |