

Round cylinder DSEU-8-80-P-A

Part number: 188776

FESTO

End cap with threaded pins and swivel bearing.
Products to be discontinued. Available until 2011.



Data sheet

| Feature | Value |
|--|--|
| Stroke | 80 mm |
| Piston diameter | 8 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 | Single-ended piston rod |
| Operating 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 | 23 N |
| Theoretical force at 6 bar, advance stroke | 30 N |
| Moving mass with 0 mm stroke | 4.3 g |
| Additional weight per 10 mm stroke | 2.3 g |
| Basic weight for 0 mm stroke | 14.4 g |
| Mounting type | with accessories |
| Pneumatic connection | M3 |
| Materials note | Contains PWIS substances |
| Materials information for cover | Wrought Aluminium 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 |