

compact cylinder DPDM-Q-6-25-PA

Part number: 4830965

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 25 mm |
| Piston diameter | 6 mm |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Mode of operation | double-acting |
| Design structure | Piston Piston rod Profile barrel |
| Position detection | For proximity sensor |
| Variants | Single-ended piston rod |
| Protection against torque/guide | Guide rod with yoke |
| Operating pressure | 2 ... 8 bar |
| 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 | 1 - Low corrosion stress |
| Ambient temperature | -10 ... 80 °C |
| Theoretical force at 6 bar | 17 N |
| Theoretical force at 6 bar, return stroke | 13 N |
| Theoretical force at 6 bar, advance stroke | 17 N |
| Moving mass with 0 mm stroke | 7.1 g |
| Additional weight per 10 mm stroke | 6.3 g |
| Basic weight for 0 mm stroke | 25.5 g |
| Additional mass factor per 10 mm of stroke | 0.9 g |
| Mounting type | with through hole with internal (female) thread Optional |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminium alloy |
| Material seals | NBR TPE-U(PU) |
| Material housing | Anodised wrought aluminium alloy |
| Material piston rod | High alloy steel, non-corrosive |