



DSW-40--P-A-S3-B

Round cylinder

| Feature | Data/description |
|--|---|
| Stroke | 10 - 500 mm |
| Piston diameter | 40 mm |
| Cushioning | Flexible cushioning rings or plates at both ends (P) |
| Assembly position | Any |
| Conforms to standard | ISO 6431 |
| Design structure | Piston Piston rod Cylinder barrel |
| Position detection | with proximity sensor |
| Variants | S3: cylinder with corrosion and acid resistant piston rod, stainless steel piston rod nut, FCM wiper seal |
| Operating pressure | 1 - 10 bar |
| Mode of operation | double-acting |
| Operating medium | Dried compressed air, lubricated or unlubricated |
| Corrosion resistance classification CRC | 2 |
| Ambient temperature | -20 - 80 °C |
| Theoretical force at 6 bar, return stroke | 633 N |
| Theoretical force at 6 bar, advance stroke | 754 N |
| Additional weight per 10 mm stroke | 22 g |
| Basic weight for 0 mm stroke | 754 g |
| Mounting type | with accessories |
| Pneumatic connection | G1/4 |
| Materials information for cover | Wrought Aluminium alloy |
| Materials information for seals | TPE-U(PU) NBR |

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| Feature | Data/description |
|--------------------------------------|--|
| Materials information, housing | High alloy steel, non-corrosive |
| Materials information for piston rod | High alloy steel |
| ATEX ambient temperature | -20°C <= Ta <= +60°C |
| ATEX identification | II 2 GD c T4 T120°C |
| CE Symbol | In accordance with EU directive 94/9/EG (ATEX) |