



DSW-40-100-P-A-B

Round cylinder

Feature	Data/description
Stroke	100 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	Single-ended piston rod
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