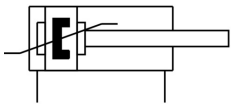
ISO cylinder
DSBC-32-300-D3-PPSA-N3

Part number: 3659388





Data sheet

Feature	Value
Stroke	300 mm
Piston diameter	32 mm
Piston rod thread	M10x1.25
Type code	DSBC
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Conforms to standard	ISO 15552
Piston rod end	External thread
Design	Piston Piston rod Profile barrel
Position sensing	For proximity sensor
Symbol	00992970
Variants	Piston rod at one end
Operating pressure	0.6 bar ... 12 bar
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.4 J
Cushioning length	17 mm
Theoretical force at 6 bar, retracting	415 N
Theoretical force at 6 bar, advancing	483 N
Moving mass at 0 mm stroke	110 g
Additional weight per 10 mm stroke	27 g
Basic weight with 0 mm stroke	465 g
Additional moving mass per 10 mm stroke	9 g
Type of mounting	With accessories Optionally: With internal thread
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Die-cast aluminum Coated
Seals material	TPE-U(PU)
Piston rod material	High-alloy steel

Feature	Value
Material of cylinder barrel	Wrought aluminum alloy Smooth anodized