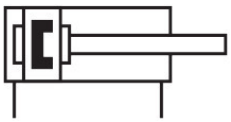
ISO cylinder
DSBG-200-250-P-N3

Part number: 2537457



Data sheet

Feature	Value
Stroke	250 mm
Piston diameter	200 mm
Piston rod thread	M36x2
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Conforms to standard	ISO 15552
Piston rod end	External thread
Structural design	Piston Piston rod Tie rod Cylinder barrel
Variants	Piston rod at one end
Operating pressure	0.06 MPa...1 MPa 0.6 bar...10 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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Impact energy in the end positions	4.8 J
Theoretical force at 6 bar, retracting	18096 N
Theoretical force at 6 bar, advancing	18850 N
Moving mass	7773 g
Moving mass at 0 mm stroke	5348 g
Additional moving mass per 10 mm stroke	97 g
Product weight	21643 g
Basic weight with 0 mm stroke	15493 g
Additional weight per 10 mm stroke	246 g
Type of mounting	With internal thread With accessories Optionally:
Pneumatic connection	G3/4

Feature	Value
Note on materials	RoHS-compliant
Cover material	Die-cast aluminum, coated
Piston seal material	NBR
Material of piston	Cast aluminum
Piston rod material	High-alloy steel
Piston rod wiper material	NBR
Buffer seal material	TPE-U(PU)
Cushion piston material	POM
Material of cylinder barrel	Wrought aluminum alloy, smooth-anodized
Nut material	Steel, galvanized
Material of bearing	Metal polymer compound
Collar nut material	Steel, galvanized
Tie rod material	High-alloy steel