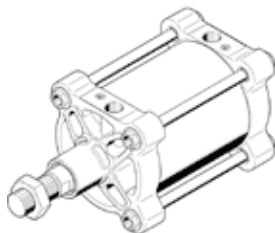


ISO cylinder DSBG-160-500-PPVA-N3

Part number: 2029473

FESTO



Data sheet

Feature	values
Stroke	500 mm
Piston diameter	160 mm
Piston rod thread	M36x2
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Conforms to standard	ISO 15552
Piston-rod end	Male thread
Design structure	Piston Piston rod Tie rod Cylinder barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure	0.6 ... 10 bar
Mode of operation	double-acting
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	2 - Moderate corrosion stress
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	3.3 J
Cushioning length	48 mm
Cushioning length, extending	48 mm
Cushioning length, retracting	48 mm
Theoretical force at 6 bar, return stroke	11,310 N
Theoretical force at 6 bar, advance stroke	12,064 N
Moving mass with 0 mm stroke	4,292 g
Additional weight per 10 mm stroke	97 g
Basic weight for 0 mm stroke	11,751 g
Additional mass factor per 10 mm of stroke	208 g
Mounting type	Optional with internal (female) thread with accessories
Pneumatic connection	G3/4
Materials note	Conforms to RoHS
Materials information for cover	Die-cast aluminium/die-cast aluminium coated
Materials information for seals	NBR
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy Smooth anodised