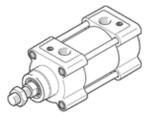
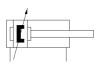
Standards-based cylinder DSBG-63-160-PPVA-N3 Part number: 1646746



Data sheet

Feature	Value
Stroke	160 mm
Piston diameter	63 mm
Piston rod thread	M16x1,5
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 MPa	0.04 1.2 MPa
Working pressure	0.4 12 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
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 80 °C
Impact energy in end positions	1.3]
Cushioning length	22 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	1,682 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	1,870 N
Moving mass	830 g
Moving mass with 0 mm stroke	
Additional mass factor per 10 mm of stroke	430 g
Product weight	25 g 2,620 g
Basic weight for 0 mm stroke	
Additional weight per 10 mm stroke	1,740 g
Mounting type	55 g with internal (female) thread
	with accessories
	Optional Carlo
Pneumatic connection	G3/8
Materials note	Conforms to RoHS Coated die-cast aluminium
Material cover	
Material piston seal	TPE-U(PU)
Material piston	Wrought Aluminum alloy
Material piston rod	High alloy steel
Material piston rod wiper seal	TPE-U(PU)
Buffer seal material	TPE-U(PU)
Cushion piston material	POM
Material cylinder barrel	Smooth-anodised wrought aluminium alloy
Material nut	steel, galvanized
Material bearing	POM
Collar nut material	Galvanized steel
Material tie rod	High alloy steel



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