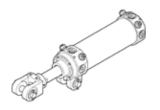
Hinge cylinder DWB-63-150-Y-AB-G Part number: 565776





Data sheet

Feature	Value
Stroke	150 mm
Piston diameter	63 mm
Piston rod thread	M16x1,5
Distance of rod clevis to swivel mounting	19.5 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Design structure	Piston
-	Piston rod with rod clevis
	Swivel mounting on bearing cap
	Cylinder barrel
Speed regulation	Integrated flow control valves on both sides
Position detection	For proximity sensor
Piston-rod end	Male thread with rod clevis
Working pressure	1 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)
C	
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-10 60 °C
Impact energy in end positions	1.3 J
Cushioning length	20 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), advance	1,870 N
Moving mass with 0 mm stroke	741 g
Additional mass factor per 10 mm of stroke	25 g
Basic weight for 0 mm stroke	1,600 g
Additional weight per 10 mm stroke	42 g
alternative connections	See product drawing
Mounting type	With swivel mounting on bearing cap
	with accessories
Pneumatic connection	G1/4
Material rod clevis	Cast steel Heat-treatment steel
Materials note	Conforms to RoHS
Material wiper seal	Bronze
Material cover	Aluminum die cast
	Anodized
Material seals	NBR
Material piston rod	Heat-treatment steel
	hard-chromium plated
Material cylinder barrel	Wrought Aluminum alloy
	Anodized