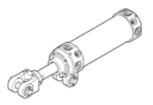
Hinge cylinder DWC-50-125-Y-AB-G Part number: 572354



Data sheet

Feature	Value
Stroke	125 mm
Piston diameter	50 mm
Piston rod thread	M16x1,5
Distance of rod clevis to swivel mounting	16.5 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)
Comparing maintainer alongification CDC	0 - No corrosion stress
Corrosion resistance classification CRC	VDMA24364-B2-L
PWIS conformity Ambient temperature	-10 60 °C
1	
Impact energy in end positions Cushioning length	0.7 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	20 mm 990 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	1.178 N
Moving mass with 0 mm stroke	
Additional mass factor per 10 mm of stroke	664 g
Basic weight for 0 mm stroke	25 g
	1,338 g
Additional weight per 10 mm stroke	37 g
alternative connections	See product drawing
Mounting type	With swivel mounting on bearing cap
Duranna tiana atian	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

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