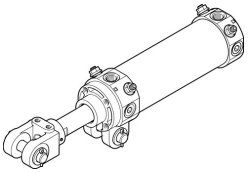
Hinge cylinder
DWB-63-150-Y-AB

Part number: 549735



Data sheet

Feature	Value
Stroke	150 mm
Piston diameter	63 mm 63 mm
Piston rod thread	M16x1.5 M16x1.5
Wide rod clevis/swivel mounting	19.5 mm
Type code	DW DW
Cushioning	Pneumatic cushioning, adjustable at both ends Pneumatic cushioning, adjustable at both ends
Mounting position	Any Any
Design	Cylinder barrel Piston rod with rod clevis Swivel mounting on bearing cap Piston Piston Piston rod with rod clevis Swivel mounting on bearing cap Cylinder barrel
Velocity control	Integrated flow control at both ends
Position sensing	For proximity sensor For proximity sensor
Piston rod end	External thread with rod clevis External thread with rod clevis
Operating pressure	1 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] 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) Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	0 - No corrosion stress
Ambient temperature	-10 °C ... 60 °C
Impact energy in the end positions	1.3 J
Cushioning length	20 mm
Theoretical force at 6 bar, retracting	1682 N
Theoretical force at 6 bar, advancing	1870 N
Moving mass at 0 mm stroke	741 g
Additional weight per 10 mm stroke	42 g
Basic weight with 0 mm stroke	1600 g

Feature	Value
Additional moving mass per 10 mm stroke	25 g
Alternative connections	See product drawing
Type of mounting	With accessories With swivel mounting on bearing cap With swivel mounting on bearing cap With accessories
Pneumatic connection	Rc1/4 Rc1/4
Rod clevis material	Tempered steel Cast steel Cast steel Tempered steel
Note on materials	RoHS-compliant RoHS-compliant
Scraper material	Bronze
Cover material	Die-cast aluminum Anodized Die-cast aluminum Anodized
Seals material	NBR NBR
Piston rod material	Hard-chrome-plated Tempered steel Tempered steel Hard-chrome-plated
Material of cylinder barrel	Wrought aluminum alloy Anodized Anodized