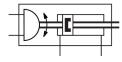
Swivel/linear unit DSL-32-40-270-P-A-S20-B

Part number: 556507





Data sheet

Rotation angle adjustment rangeO deg270 degStroke40 mmPiston diameter32 mmSwivel angleO deg272 degCushioningElastic cushioning rings/plates at both endsMounting positionoptionalFine adjustment-6 degMode of operationDouble-actingDesignVanePosition detectionVia proximity switchVariantsThrough, hollow piston rodProtection against torque/guideWith plain-bearing guideOperating pressure2.5 bar8 barMax. impact speed500 mm/sMax. swivel frequency at 0.6 MPa (6 bar, 87 psi)2 HzRotary angle backlash2 degRepetition accuracy1 degOperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (in which case lubricated operalways be required)Corrosion resistance class CRC1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-LAmbient temperature-10 °C60 °CDynamic load torque0.8 NmTheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke224.5 NTheoretical force at 0.6 MPa (6 bar, 87 psi)10 Nm	
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Theoretical torque at 0.6 MPa (6 bar 87 pci)	
Permissible mass moment of inertia 0.00017 kgm ²	
Product weight 2840 g	
Basic weight for 0 mm stroke 2840 g	
Additional weight per 10 mm stroke 109 g	

FESTO

Feature	Value
Type of mounting	Clamped in T-slot Via male thread Either:
Pneumatic connection	G1/8
Material cover	Wrought aluminium alloy Anodised
Material seals	TPE-U(PU)
Material housing	Wrought aluminium alloy Smooth anodised
Material piston rod	Tempered steel