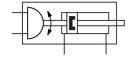
Swivel actuator unit DSL-40-80-270-P-A-S2-KF-B

FESTO

Part number: 556744





Data sheet

Adjustment range of swivel angle Stroke Structural position Precision adjustment Any Precision adjustment Structural design Structural design Rotary vane Position sensing For proximity sensor Variants Through piston rod Protection against torsion/guide Guided on ball bearings Operating pressure Max. impact velocity Structural design Structural design For proximity sensor Variants Through piston rod Protection against torsion/guide Guided on ball bearings Operating pressure Max. swivel frequency at 6 bar 2 Hz Swivel angle backlash O.05 deg Repetition accuracy 1 deg Operating medium Information on operating and pilot media Operating medium 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 Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Ambient temperature -10 °C60 °C Dynamic load torque 5.4 Nm Theoretical force at 6 bar, advancing Hoerotical force at 6 bar, advancing Freoretical force at 6 bar, advancing Freoretical force at 6 bar advancing Freoretical force at 6 bar advancing Freduct weight Freduct weight	Feature	Value
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Theoretical force at 6 bar, advancing 603 N Theoretical torque at 6 bar 20 Nm Permissible mass moment of inertia 0.00024 kgm² Product weight 5200 g	Dynamic load torque	5.4 Nm
Theoretical torque at 6 bar Permissible mass moment of inertia 0.00024 kgm² Product weight 5200 g	Theoretical force at 6 bar, retracting	495 N
Permissible mass moment of inertia 0.00024 kgm² Product weight 5200 g	Theoretical force at 6 bar, advancing	603 N
Product weight 5200 g	Theoretical torque at 6 bar	20 Nm
	Permissible mass moment of inertia	0.00024 kgm²
Basic weight with 0 mm stroke 5200 g	Product weight	5200 g
marked and a contract to the	Basic weight with 0 mm stroke	5200 g
Additional weight per 10 mm stroke 175 g	Additional weight per 10 mm stroke	175 g

Feature	Value
Type of mounting	Clamped in T slot With external thread Optionally:
Pneumatic connection	G1/8
Cover material	Wrought aluminum alloy Anodized
Seals material	TPE-U(PU)
Housing material	Aluminum Smooth anodized
Piston rod material	Tempered steel