Handling module
HSW-12-AP-SD

Part number: 540229



Data sheet

Feature	Value
Working stroke	15 mm...25 mm
Size	12
Max. linear stroke at 90° swivel angle	142/142 mm
Z-stroke	80 mm...100 mm
Cushioning	Pneumatic shock absorber at both ends Soft characteristic curve
Mounting position	Any
Structural design	Linear guide plus ball bearing Quarter turn actuator Positively driven motion sequence
Position sensing	Via proximity switch
Operating pressure	4 bar...8 bar
Minimum cycle time	0.8 s
Repetition accuracy end positions	+/-0.02 mm
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C...60 °C
Max. torque Mx	1.5 Nm
Max. torque My	1.5 Nm
Max. torque Mz	1.5 Nm
Max. payload	1 kg
Maximum process force in y direction	35 N
Theoretical force at 6 bar	35 N
Product weight	3040 g
Type of mounting	Via through-hole and centering sleeve
Pneumatic connection	M5
Stops material	High-alloy steel
Cover material	Wrought aluminum alloy Anodized
Spring pressure piece material	High-alloy steel
Base plate material	Wrought aluminum alloy Anodized

Feature	Value
Retainer bracket material	Wrought aluminum alloy Anodized
Cross guide material	Quenched and tempered steel
Swivel lever material	Case-hardened steel Burnished
Link material	Case-hardened steel Hardened
Sensor rail material	Wrought aluminum alloy Anodized
Fixed link material	Wrought aluminum alloy Anodized
Setting screw material	High-alloy steel