Handling module
HSW-16-AP-AW

Part number: 562561



Data sheet

Feature	Value
Working stroke	20 mm...35 mm
Size	16
Max. linear stroke at 90° swivel angle	175/175 mm
Maximum wait position module Z-stroke	25 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	1 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	2.5 Nm
Max. torque My	2.5 Nm
Max. torque Mz	2.5 Nm
Max. payload	1.5 kg
Maximum process force in y direction	50 N
Theoretical force at 6 bar	55 N
Product weight	5500 g
Type of mounting	Via through-hole and centering sleeve
Wait position pneumatic connection	M5
Pneumatic connection	M5
Stops material	High-alloy steel
Spring pressure piece material	High-alloy steel
Base plate material	Wrought aluminum alloy

Feature	Value
	Anodized
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