Handling module
HSP-25-AP-SD

Part number: 533616



Data sheet

Feature	Value
Size	25
Y-stroke	130 mm...170 mm
Z-stroke	50 mm...70 mm
Z working stroke	25 mm
Cushioning	Pneumatic shock absorber at both ends Soft characteristic curve
Mounting position	Guide rail Vertical
Mode of operation	Double-acting
Structural design	Cross guide Swivel module Positively driven motion sequence
Position sensing	Via proximity switch
Protection against torsion/guide	Cross guide
Operating pressure	4 bar...8 bar
Minimum cycle time	1 s
Repetition accuracy	±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 dynamic	3.2 Nm
Max. static moment Mx	15 Nm
Max. torque My dynamic	3.2 Nm
Max. static moment My	15 Nm
Max. torque Mz dynamic	3.2 Nm
Max. static moment Mz	15 Nm
Max. payload	1.5 kg
Maximum process force in y direction	50 N
Theoretical force at 6 bar	65 N
Product weight	7600 g
Front unit mounting	With through-hole
Type of mounting	With through-hole

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