Handling module
HSP-12-AS

Part number: 533605



Data sheet

Feature	Value
Size	12
Y-stroke	52 mm...68 mm
Z-stroke	20 mm...30 mm
Z working stroke	15 mm
Cushioning	Acoustic insulation via buffers
Mounting position	Guide rail Vertical
Structural design	Actuator shaft Cross guide Positively driven motion sequence
Position sensing	Via proximity switch
Protection against torsion/guide	Cross guide
Minimum cycle time	0.6 s
Repetition accuracy	±0.01 mm
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C...60 °C
Max. driving torque on actuator shaft	1.25 Nm
Max. axial force at actuator shaft	18 N
Max. torque Mx dynamic	1.1 Nm
Max. static moment Mx	5 Nm
Max. torque My dynamic	1.1 Nm
Max. static moment My	5 Nm
Max. torque Mz dynamic	1.1 Nm
Max. static moment Mz	5 Nm
Max. payload	0.5 kg
Max. radial force on actuator shaft	45 N
Maximum process force in y direction	30 N
Theoretical force at 6 bar	40 N
Product weight	1800 g
Front unit mounting	With through-hole
Type of mounting	With through-hole With slot nuts

Feature	Value
Stops material	High-alloy steel
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