

Handling module HSP-12-AS

Part number: 533605

FESTO



 General operating condition

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	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
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

Feature	Value
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