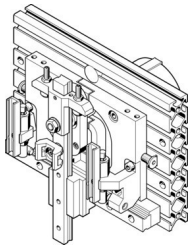
Handling module
HSP-12-AP

Part number: 533599



Data sheet

Feature	Value
Size	12
Y-stroke	52 mm...68 mm
Z-stroke	20 mm...30 mm
Z working stroke	15 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	0.6 s
Repetition accuracy	±0.01 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	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
Maximum process force in y direction	30 N
Theoretical force at 6 bar	40 N
Product weight	1900 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
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