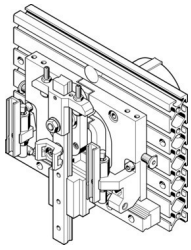
Handling module
HSP-16-AP

Part number: 533607



Data sheet

Feature	Value
Size	16
Y-stroke	90 mm...110 mm
Z-stroke	35 mm...50 mm
Z working stroke	20 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	0.8 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	2.4 Nm
Max. static moment Mx	10 Nm
Max. torque My dynamic	2.4 Nm
Max. static moment My	10 Nm
Max. torque Mz dynamic	2.4 Nm
Max. static moment Mz	10 Nm
Max. payload	1 kg
Maximum process force in y direction	35 N
Theoretical force at 6 bar	50 N
Product weight	3300 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