

Handling module HSP-12-AP-SD-WL

Part number: 533602

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Size	12
Maximum wait position module Z-stroke	15 mm
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	Positively driven motion sequence
Position sensing	For proximity sensor
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
Theoretical force at 6 bar	40 N
Product weight	2600 g
Front unit mounting	With through-hole
Type of mounting	With through-hole With slot nuts
Wait position pneumatic connection	M3
Pneumatic connection	M5
Base plate material	Wrought aluminum alloy
Cross guide material	Tempered steel

Feature	Value
Side covers material	Wrought aluminum alloy