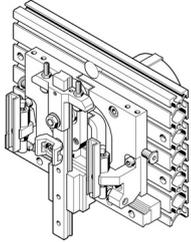


# Pick and place machine HSP-12-AP-WL

Part number: 533604

FESTO



## 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
Type code	HSP
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 Wait position module optionally on left 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)
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	1900 g
Front unit mounting	With through-hole
Type of mounting	With through-hole With slot nuts
Wait position pneumatic connection	M3
Pneumatic connection	M5

<b>Feature</b>	<b>Value</b>
Base plate material	Wrought aluminum alloy
Cross guide material	Tempered steel
Side covers material	Wrought aluminum alloy