

# Pick and place machine HSP-16-AS

Part number: 533613

FESTO



 [General operating condition](#)

## 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
Structural design	Actuator shaft Cross guide Positively driven motion sequence
Position sensing	For proximity sensor
Protection against torsion/guide	Cross guide
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. driving torque on actuator shaft	2.5 Nm
Max. axial force at actuator shaft	30 N
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
Max. radial force on actuator shaft	75 N
Theoretical force at 6 bar	50 N
Product weight	3100 g
Front unit mounting	With through-hole
Type of mounting	With through-hole With slot nuts
Base plate material	Wrought aluminum alloy
Cross guide material	Tempered steel
Side covers material	Wrought aluminum alloy