

Handling module HSP-12-AS

Part number: 533605

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Size	12
Y stroke	52 mm ... 68 mm
Z stroke	20 mm ... 30 mm
Z stroke, working stroke	15 mm
Cushioning	Shock absorber at both ends Soft characteristic curve
Mounting position	Guide rail Vertical
Design	Drive shaft Cross guide Force pilot operated motion sequence
Position detection	Via proximity switch
Protection against torque/guide	Cross guide
Min. cycle time	0.6 s
Repetition accuracy	±0.01 mm
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C ... 60 °C
Max. drive torque at drive shaft	1.25 Nm
Max. axial force at drive shaft	18 N
Max. torque Mx dynamic	1.1 Nm
Max. torque Mx static	5 Nm
Max. torque My dynamic	1.1 Nm
Max. torque My static	5 Nm
Max. torque Mz dynamic	1.1 Nm
Max. torque Mz static	5 Nm
Max. effective load	0.5 kg
Max. radial force at drive shaft	45 N
Theoretical force at 0.6 MPa (6 bar, 87 psi)	40 N
Product weight	1800 g
Mounting of front unit	With through-hole
Type of mounting	With through-hole Via slot nuts
Material base plate	Wrought aluminium alloy
Material cross-guide	Tempered steel

Feature	Value
Material side components	Wrought aluminium alloy