

# Handling module 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 stroke, working stroke	20 mm
Cushioning	Noise reduction via buffers
Mounting position	Guide rail Vertical
Design	Cross guide Force pilot operated motion sequence
Position detection	Via proximity switch
Protection against torque/guide	Cross guide
Min. cycle time	0.8 s
Repetition accuracy	±0.01 mm
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C ... 60 °C
Max. drive torque at drive shaft	2.5 Nm
Max. axial force at drive shaft	30 N
Max. torque Mx dynamic	2.4 Nm
Max. torque Mx static	10 Nm
Max. torque My dynamic	2.4 Nm
Max. torque My static	10 Nm
Max. torque Mz dynamic	2.4 Nm
Max. torque Mz static	10 Nm
Max. effective load	1 kg
Max. radial force at drive shaft	75 N
Max. process force in Y direction	35 N
Theoretical force at 0.6 MPa (6 bar, 87 psi)	50 N
Product weight	3100 g
Mounting of front unit	With through-hole
Type of mounting	With through-hole Via slot nuts
Material stops	High-alloy steel
Material spring pressure piece	High-alloy steel
Material base plate	Wrought aluminium alloy
Material retaining bracket	Wrought aluminium alloy
Material cross-guide	Tempered steel

Feature	Value
Material swivel lever	Case-hardened steel Burnished
Material slotted guide plate	Case-hardened steel Burnished
Material side components	Wrought aluminium alloy
Material sensor rail	Wrought aluminium alloy Anodised
Material bar	Wrought aluminium alloy Anodised
Material setting screw	High-alloy steel