

# handling module

## HSP-16-AS

Part number: 533613

FESTO

Driveless variant with bearing and shaft.



### Data sheet

Feature	Value
Size	16
Y stroke	90 ... 110 mm
Z stroke	35 ... 50 mm
Z stroke, working stroke	20 mm
Cushioning	CC: Shock absorber at both ends Soft characteristic
Assembly position	Guide rail Vertical
Design structure	Drive shaft Cross-guide guided motion sequence
Position detection	For proximity sensor
Protection against torque/guide	Cross-guide
Minimum cycle time	0.8 s
Repetition accuracy	±0,01 mm
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
PWIS conformity	VDMA24364-B2-L
Ambient temperature	0 ... 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
Maximum effective load	1 kg
Max. radial force at drive shaft	75 N
Theoretical force at 0.6 MPa (6 bar, 87 psi)	50 N
Product weight	3,100 g
Mounting of front unit	with through hole
Mounting type	with through hole With slot nuts
Material sub-base	Wrought Aluminium alloy
Material cross-guide	Heat-treatment steel
Material side components	Wrought Aluminium alloy