Handling module
HSP-16-AP-SD

Part number: 533608

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	Shock absorber at both ends Soft characteristic curve
Mounting position	Guide rail Vertical
Mode of operation	Double-acting
Design	Cross guide Swivel module Force pilot operated motion sequence
Position detection	Via proximity switch
Protection against torque/guide	Cross guide
Operating pressure	4 bar...8 bar
Min. cycle time	0.8 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. 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
Theoretical force at 0.6 MPa (6 bar, 87 psi)	50 N
Product weight	4600 g
Mounting of front unit	With through-hole

Feature	Value
Type of mounting	With through-hole Via slot nuts
Pneumatic connection	M5
Material base plate	Wrought aluminium alloy
Material cross-guide	Tempered steel
Material side components	Wrought aluminium alloy