

# handling module

## HSP-12-AP-WR

Part number: 533603

FESTO

with semi-rotary drive and wait position module on right.



### Data sheet

Feature	Value
Size	12
Maximum Z-stroke, wait position	15 mm
Y stroke	52 ... 68 mm
Z stroke	20 ... 30 mm
Z stroke, working stroke	15 mm
Cushioning	CC: Shock absorber at both ends Soft characteristic
Assembly position	Guide rail Vertical
Mode of operation	double-acting
Design structure	Cross-guide Swivel module Wait position alternatively on left guided motion sequence
Position detection	For proximity sensor
Protection against torque/guide	Cross-guide
Operating pressure	4 ... 8 bar
Minimum cycle time	0.6 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. 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
Maximum effective load	0.5 kg
Theoretical force at 0.6 MPa (6 bar, 87 psi)	40 N
Product weight	1,900 g
Mounting of front unit	with through hole
Mounting type	with through hole With slot nuts
Pneumatic connection, wait position	M3
Pneumatic connection	M5
Material sub-base	Wrought Aluminium alloy
Material cross-guide	Heat-treatment steel
Material side components	Wrought Aluminium alloy