

handling module HSP-16-AP-SD-WL

Part number: 533610

FESTO

with semi-rotary drive, protective cover and wait position module on left.



Data sheet

| Feature | Value |
|----------------------------------------------|-----------------------------------------------------------------------------------------------|
| Size | 16 |
| Maximum Z-stroke, wait position | 25 mm |
| 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 |
| 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 | 0.8 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. 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 |
| Theoretical force at 0.6 MPa (6 bar, 87 psi) | 50 N |
| Product weight | 4,600 g |
| Mounting of front unit | with through hole |
| Mounting type | with through hole With slot nuts |
| Pneumatic connection, wait position | M5 |
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| Material sub-base | Wrought Aluminium alloy |
| Material cross-guide | Heat-treatment steel |
| Material side components | Wrought Aluminium alloy |