

Handling module HSP-16-AP-SD-WL

Part number: 533610

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Size | 16 |
| Max. Z stroke waiting position | 25 mm |
| 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 Wait position module optionally on left 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 |
| Max. process force in Y direction | 35 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi) | 50 N |
| Product weight | 4600 g |
| Mounting of front unit | With through-hole |
| Type of mounting | With through-hole Via slot nuts |
| Pneumatic connection waiting position | M5 |

| Feature | Value |
|--------------------------------|-------------------------------------|
| Pneumatic connection | M5 |
| Material stops | High-alloy steel |
| Material cover | Anodised wrought aluminium alloy |
| Material spring pressure piece | High-alloy steel |
| Material base plate | Wrought aluminium alloy |
| Material retaining bracket | Wrought aluminium alloy |
| Material cross-guide | Tempered steel |
| 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 |