

Handling module HSW-12-AP-SD

Part number: 540229

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Working stroke | 15 mm ... 25 mm |
| Size | 12 |
| Max. linear stroke with 90° swivel angle | 142/142 mm |
| Z stroke | 80 mm ... 100 mm |
| Cushioning | Shock absorber at both ends Soft characteristic curve |
| Mounting position | optional |
| Design | Linear guide plus ball bearing Semi-rotary drive Force pilot operated motion sequence |
| Position detection | Via proximity switch |
| Operating pressure | 4 bar ... 8 bar |
| Min. cycle time | 0.8 s |
| Repetition accuracy end positions | +/-0.02 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. moment Mx | 1.5 Nm |
| Max. moment My | 1.5 Nm |
| Max. moment Mz | 1.5 Nm |
| Max. effective load | 1 kg |
| Max. process force in Y direction | 35 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi) | 35 N |
| Product weight | 3040 g |
| Type of mounting | Via through-hole and centring sleeve |
| Pneumatic connection | M5 |
| Material stops | High-alloy steel |
| Material cover | Wrought aluminium alloy Anodised |
| Material spring pressure piece | High-alloy steel |
| Material base plate | Wrought aluminium alloy Anodised |
| Material retaining bracket | Anodised |
| Material cross-guide | Tempered steel |
| Material swivel lever | Case-hardened steel Burnished |

| Feature | Value |
|------------------------------|-------------------------------------|
| Material slotted guide plate | Case-hardened steel Hardened |
| Material sensor rail | Wrought aluminium alloy Anodised |
| Material bar | Wrought aluminium alloy Anodised |
| Material setting screw | High-alloy steel |