

Handling module HSP-12-AP-SD

Part number: 533600

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|--|
| Size | 12 |
| Y-stroke | 52 mm ... 68 mm |
| Z-stroke | 20 mm ... 30 mm |
| Z working stroke | 15 mm |
| Cushioning | Pneumatic shock absorber at both ends Soft characteristic curve |
| Mounting position | Guide rail Vertical |
| Mode of operation | Double-acting |
| Structural design | Cross guide Swivel module Positively driven motion sequence |
| Position sensing | For proximity sensor |
| Protection against torsion/guide | Cross guide |
| Operating pressure | 4 bar ... 8 bar |
| Minimum cycle time | 0.6 s |
| Repetition accuracy | ±0.01 mm |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:-:-] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Ambient temperature | 0 °C ... 60 °C |
| Max. torque Mx dynamic | 1.1 Nm |
| Max. static moment Mx | 5 Nm |
| Max. torque My dynamic | 1.1 Nm |
| Max. static moment My | 5 Nm |
| Max. torque Mz dynamic | 1.1 Nm |
| Max. static moment Mz | 5 Nm |
| Max. payload | 0.5 kg |
| Maximum process force in y direction | 30 N |
| Theoretical force at 6 bar | 40 N |
| Product weight | 2600 g |
| Front unit mounting | With through-hole |
| Type of mounting | With through-hole With slot nuts |
| Pneumatic connection | M5 |
| Stops material | High-alloy steel |
| Cover material | Wrought aluminum alloy, anodized |

| Feature | Value |
|--------------------------------|------------------------------------|
| Spring pressure piece material | High-alloy steel |
| Base plate material | Wrought aluminum alloy |
| Retainer bracket material | Wrought aluminum alloy |
| Cross guide material | Tempered steel |
| Swivel lever material | Case-hardened steel Burnished |
| Link material | Case-hardened steel Burnished |
| Side covers material | Wrought aluminum alloy |
| Sensor rail material | Wrought aluminum alloy Anodized |
| Fixed link material | Wrought aluminum alloy Anodized |
| Setting screw material | High-alloy steel |