

# Handling module HSP-25-AS-SD

Part number: 533622

**FESTO**



## Data sheet

| Feature                               | Value                                                              |
|---------------------------------------|--------------------------------------------------------------------|
| Size                                  | 25                                                                 |
| Y-stroke                              | 130 mm...170 mm                                                    |
| Z-stroke                              | 50 mm...70 mm                                                      |
| Z working stroke                      | 25 mm                                                              |
| Cushioning                            | Acoustic insulation via buffers                                    |
| Mounting position                     | Guide rail<br>Vertical                                             |
| Structural design                     | Actuator shaft<br>Cross guide<br>Positively driven motion sequence |
| Position sensing                      | Via proximity switch                                               |
| Protection against torsion/guide      | Cross guide                                                        |
| Minimum cycle time                    | 1 s                                                                |
| Repetition accuracy                   | ±0.02 mm                                                           |
| LABS (PWIS) conformity                | VDMA24364-B2-L                                                     |
| Ambient temperature                   | 0 °C...60 °C                                                       |
| Max. driving torque on actuator shaft | 5 Nm                                                               |
| Max. axial force at actuator shaft    | 50 N                                                               |
| Max. torque Mx dynamic                | 3.2 Nm                                                             |
| Max. static moment Mx                 | 15 Nm                                                              |
| Max. torque My dynamic                | 3.2 Nm                                                             |
| Max. static moment My                 | 15 Nm                                                              |
| Max. torque Mz dynamic                | 3.2 Nm                                                             |
| Max. static moment Mz                 | 15 Nm                                                              |
| Max. payload                          | 1.5 kg                                                             |
| Max. radial force on actuator shaft   | 120 N                                                              |
| Maximum process force in y direction  | 50 N                                                               |
| Theoretical force at 6 bar            | 65 N                                                               |
| Product weight                        | 7400 g                                                             |
| Front unit mounting                   | With through-hole                                                  |
| Type of mounting                      | With through-hole<br>With slot nuts                                |

| Feature                        | Value                              |
|--------------------------------|------------------------------------|
| Stops material                 | High-alloy steel                   |
| Cover material                 | Wrought aluminum alloy, anodized   |
| Spring pressure piece material | High-alloy steel                   |
| Base plate material            | Wrought aluminum alloy             |
| Retainer bracket material      | Wrought aluminum alloy             |
| Cross guide material           | Quenched and tempered steel        |
| Swivel lever material          | Case-hardened steel<br>Burnished   |
| Link material                  | Case-hardened steel<br>Burnished   |
| Side covers material           | Wrought aluminum alloy             |
| Sensor rail material           | Wrought aluminum alloy<br>Anodized |
| Fixed link material            | Wrought aluminum alloy<br>Anodized |
| Setting screw material         | High-alloy steel                   |