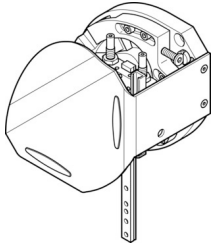


# Pick and place machine HSW-10-AS-SD

Part number: 540227

**FESTO**



## Data sheet

| Feature                                | Value                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------------|
| Working stroke                         | 9 mm...15 mm                                                                          |
| Size                                   | 10                                                                                    |
| Max. linear stroke at 90° swivel angle | 90/90 mm                                                                              |
| Z-stroke                               | 80 mm...100 mm                                                                        |
| Cushioning                             | Acoustic insulation via buffers                                                       |
| Mounting position                      | Any                                                                                   |
| Structural design                      | Actuator shaft<br>Linear guide plus ball bearing<br>Positively driven motion sequence |
| Position sensing                       | For proximity sensor                                                                  |
| Repetition accuracy end positions      | +/-0.02 mm                                                                            |
| LABS (PWIS) conformity                 | VDMA24364-B2-L                                                                        |
| Ambient temperature                    | 0 °C...60 °C                                                                          |
| Max. driving torque on actuator shaft  | 0.85 Nm                                                                               |
| Max. axial force at actuator shaft     | 10 N                                                                                  |
| Max. torque Mx                         | 0.6 Nm                                                                                |
| Max. torque My                         | 0.6 Nm                                                                                |
| Max. torque Mz                         | 0.6 Nm                                                                                |
| Max. payload                           | 0.5 kg                                                                                |
| Max. radial force on actuator shaft    | 30 N                                                                                  |
| Maximum process force in y direction   | 30 N                                                                                  |
| Product weight                         | 1300 g                                                                                |
| Type of mounting                       | Via through-hole and centering sleeve                                                 |
| Stops material                         | High-alloy steel                                                                      |
| Cover material                         | Wrought aluminum alloy<br>Anodized                                                    |
| Spring pressure piece material         | High-alloy steel                                                                      |
| Base plate material                    | Wrought aluminum alloy<br>Anodized                                                    |
| Retaining bracket material             | Wrought aluminum alloy<br>Anodized                                                    |
| Cross guide material                   | Tempered steel                                                                        |

| Feature                | Value                              |
|------------------------|------------------------------------|
| Swivel lever material  | Case-hardened steel<br>Burnished   |
| Link material          | Case-hardened steel<br>Hardened    |
| Sensor rail material   | Wrought aluminum alloy<br>Anodized |
| Fixed link material    | Wrought aluminum alloy<br>Anodized |
| Setting screw material | High-alloy steel                   |