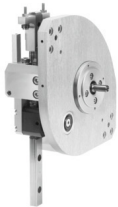


# Handling module HSW-16-AS

Part number: 540238

**FESTO**



## Data sheet

| Feature                                  | Value                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------------|
| Working stroke                           | 20 mm...35 mm                                                                         |
| Size                                     | 16                                                                                    |
| Max. linear stroke with 90° swivel angle | 175/175 mm                                                                            |
| Z stroke                                 | 80 mm...100 mm                                                                        |
| Cushioning                               | Noise reduction via buffers                                                           |
| Mounting position                        | optional                                                                              |
| Design                                   | Drive shaft<br>Linear guide plus ball bearing<br>Force pilot operated motion sequence |
| Position detection                       | Via proximity switch                                                                  |
| Repetition accuracy end positions        | +/-0.02 mm                                                                            |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                                        |
| Ambient temperature                      | 0 °C...60 °C                                                                          |
| Max. drive torque at drive shaft         | 2.5 Nm                                                                                |
| Max. axial force at drive shaft          | 30 N                                                                                  |
| Max. moment Mx                           | 2.5 Nm                                                                                |
| Max. moment My                           | 2.5 Nm                                                                                |
| Max. moment Mz                           | 2.5 Nm                                                                                |
| Max. effective load                      | 1.5 kg                                                                                |
| Max. radial force at drive shaft         | 75 N                                                                                  |
| Max. process force in Y direction        | 50 N                                                                                  |
| Product weight                           | 4900 g                                                                                |
| Type of mounting                         | Via through-hole and centring sleeve                                                  |
| Material stops                           | High-alloy steel                                                                      |
| Material spring pressure piece           | High-alloy steel                                                                      |
| Material base plate                      | Wrought aluminium alloy<br>Anodised                                                   |
| Material retaining bracket               | Wrought aluminium alloy<br>Anodised                                                   |
| Material cross-guide                     | Tempered steel                                                                        |
| Material swivel lever                    | Case-hardened steel<br>Burnished                                                      |

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