

# handling module

## HSP-12-AS

Part number: 533605

FESTO

Driveless variant with bearing and shaft.



### Data sheet

| Feature                                      | Value   |
|--|---|
| Size   | 12  |
| Y stroke                                     | 52 ... 68 mm  |
| Z stroke                                     | 20 ... 30 mm  |
| Z stroke, working stroke                     | 15 mm   |
| Cushioning                                   | CC: Shock absorber at both ends<br>Soft characteristic                      |
| Assembly position                            | Guide rail<br>Vertical  |
| Design structure                             | Drive shaft<br>Cross-guide<br>guided motion sequence                        |
| Position detection                           | For proximity sensor  |
| Protection against torque/guide              | Cross-guide   |
| Minimum cycle time                           | 0.6 s   |
| Repetition accuracy                          | ±0,01 mm  |
| Operating medium                             | Compressed air in accordance with ISO8573-1:2010 [7:-:-]                    |
| Note on operating and pilot medium           | Lubricated operation possible (subsequently required for further operation) |
| PWIS conformity                              | VDMA24364-B2-L  |
| Ambient temperature                          | 0 ... 60 °C   |
| Max. drive torque at drive shaft             | 1.25 Nm   |
| Max. axial force at drive shaft              | 18 N  |
| Max. torque Mx dynamic                       | 1.1 Nm  |
| Max. torque Mx static                        | 5 Nm  |
| Max. torque My dynamic                       | 1.1 Nm  |
| Max. torque My static                        | 5 Nm  |
| Max. torque Mz dynamic                       | 1.1 Nm  |
| Max. torque Mz static                        | 5 Nm  |
| Maximum effective load                       | 0.5 kg  |
| Max. radial force at drive shaft             | 45 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi) | 40 N  |
| Product weight                               | 1,800 g   |
| Mounting of front unit                       | with through hole   |
| Mounting type                                | with through hole<br>With slot nuts   |
| Material sub-base                            | Wrought Aluminium alloy   |
| Material cross-guide                         | Heat-treatment steel  |
| Material side components                     | Wrought Aluminium alloy   |