

Pick and place machine HSP-16-AS

Part number: 533613

FESTO



Data sheet

| Feature | Value |
|--|--|
| Size | 16 |
| Y-stroke | 90 mm...110 mm |
| Z-stroke | 35 mm...50 mm |
| Z working stroke | 20 mm |
| Cushioning | Pneumatic shock absorber at both ends Soft characteristic curve |
| Mounting position | Guide rail Vertical |
| Structural design | Actuator shaft Cross guide Positively driven motion sequence |
| Position sensing | For proximity sensor |
| Protection against torsion/guide | Cross guide |
| Minimum cycle time | 0.8 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. driving torque on actuator shaft | 2.5 Nm |
| Max. axial force at actuator shaft | 30 N |
| Max. torque Mx dynamic | 2.4 Nm |
| Max. static moment Mx | 10 Nm |
| Max. torque My dynamic | 2.4 Nm |
| Max. static moment My | 10 Nm |
| Max. torque Mz dynamic | 2.4 Nm |
| Max. static moment Mz | 10 Nm |
| Max. payload | 1 kg |
| Max. radial force on actuator shaft | 75 N |
| Theoretical force at 6 bar | 50 N |
| Product weight | 3100 g |
| Front unit mounting | With through-hole |

| Feature | Value |
|----------------------|-------------------------------------|
| Type of mounting | With through-hole With slot nuts |
| Base plate material | Wrought aluminum alloy |
| Cross guide material | Tempered steel |
| Side covers material | Wrought aluminum alloy |