# G-SHW063-P

Technical specifications

| Operating mode: |
|---|
| By operating the hand lever on the upper assembly (1), the crossway bolt is displaced radially. The crossway bolt is pressed into the bore of the lower assembly (2). |
| **Advantages:** |
| Withstands high loads with low dead weight |
| Intuitive operation |
| Can be released and closed with one handle |
| High repeat accuracy +/- 0.02 mm |
| Holds up to 5,000 changing cycles |
| Optional connection of an energy feed-through **SEK** for electrical and pneumatic ducts |
| With 6 integrated pneumatic ducts |
| Interface according to DIN EN ISO 9409-1 |

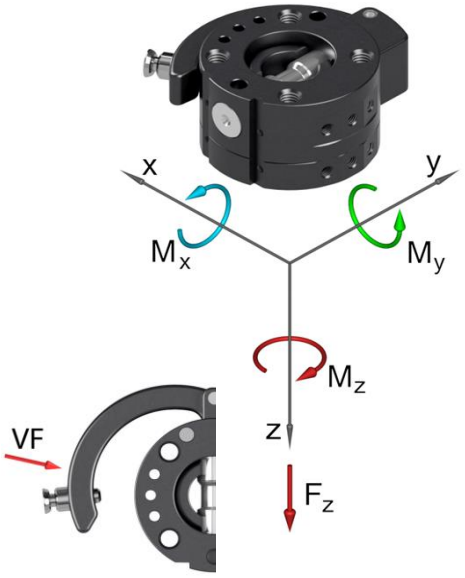
1

2

| Technical specifications | | SHW063-P |
|---|---|---|
| Basic material | | Al. anod. |
| External diameter x height [mm] | | 63 x 38 |
| Pitch circle diameter [mm] | | 50 |
| Repeat accuracy +/- [mm] | | 0,02 |
| Tension Fz [N] | | 700 |
| Compression -Fz [kN] | | 80 |
| Torsion Mz [Nm] | | 80 |
| Bending Mx, My [Nm] | | 70 |
| Mass [kg] | upper assembly | 0,25 |
| | lower assembly | 0,1 |
| Recommended load [kg] | | 18* / 24** |
| Locking force VF [N] | | 4 - 50 |
| Locking stroke VH [mm] | | 0 - 1 |
| Pneumatic ducts | connection | 3 x M5 a. 3 x D=4 |
| | max. pressure p [bar] | -1 to 8 |
| Operating temperature range [°C] | | -30 to +120 |

* This guideline applies to the following assumptions:
Acceleration: **10 m/s²**, gravity distance: **100 mm**, double safety

** This guideline applies to the following assumptions:
Acceleration: **5 m/s²**, gravity distance: **100 mm**, double safety




| Pos. | Description |
|---|---|
| 1 | Upper assembly |
| 2 | Crossway bolt (CB) |
| 3 | Hand lever |
| 4 | Holder |
| 5 | Strap pin (SP) |
| 6 | Spring locking pin |
| 7 | Guiding screw |
| 8 | Index pin |
| 9 | Cylinder bolt SP |
| 10 | Cylinder bolt CB |
| 11 | Shim ring |
| 12 | Lower assembly |
| 13 | O-ring |

| SHW063 Connector, drilled acc. to ISO… | |
|---|---|
| G-SHW063-2OEP | upper assembly, E-Mount, 6 pneum. ducts, Al, anodized |
| G-SHW063-2UEP | lower assembly, E-Mount, 6 pneum. ducts, Al, anodized |