

G-SWS160-B02

Technical specifications



Operating mode:

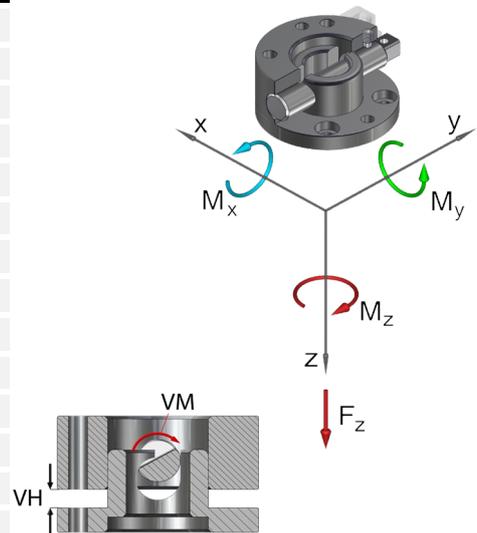
By rotating the semi-cylindrical bolt by 180° the upper assembly (1) and the lower assembly (2) are braced in a form-closed manner

Advantages:

- Reinforced version with pre-centring
- Cost-effective alternative to the MGW
- Without hand lever, thereby low interference contours
- High repeat accuracy +/- 0,02 mm
- Optional connection of a power coupling MEK for electrical and pneumatical ducts
- Holds up to 10,000 changing cycles
- During locking, the lower assembly is pulled around the locking stroke
- Interface according to DIN EN ISO 9409-1



Technical specifications		SWS160-B02	
Basic material		steel	steel, nitrated
External diameter x Height [mm]		160 x 80	
Pitch circle diameter [mm]		125	
Repeat accuracy +/- [mm]		0,02	
Tension Fz [N]		8.000	10.000
Compression -Fz [kN]		939	1.252
Torsion Mz [Nm]		750	1.000
Bending Mx, My [Nm]		950	1.200
Mass [kg]	upper assembly	6,6	
	lower assembly	3,85	
Recommended load [kg] *		110	130
Locking moment VM [Nm]		4 - 30	
Locking stroke VH [mm]		0 - 10	
Operating temperature range [°C]		-30 to +120	
* This guideline applies to the following assumptions: Acceleration: 10m/s², gravity distance: 200 mm, 1,7 times safety			



Quick change system Ø160, B02, drilled according to ISO...

G-SWS160-2O/B02	steel, anti-rotation-protection, - pre-centring
G-SWS160-2OEN/B02	E-Mounting, steel, nitrated, with anti-rotation-protection, - pre-centring
G-SWS160-2O-N/B02	steel, nitrated, with anti-rotation-protection, - pre-centring
G-SWS160-2U/B02	lower assembly, steel, with pre-centring
G-SWS160-2UEN/B02	lower assembly, steel, nitrated, with pre-centring, E-Mounting
G-SWS160-2U-N/B02	lower assembly, steel, nitrated, with pre-centring

Replacement semi-cylindrical bolt...

EG-SWS160-HB for SWS160

Replacement semi-cylindrical bolt safety...

EG-SWS160-VS2 for SWS160

Square socket key...

ZG-VKS160-SW20 for SW 20

Pos.	Description
1	Upper assembly
2	Semi-cylindrical bolt
3	Setscrew
4	Index pin
5	Anti-rotation lock
9	Lower assembly

