

G-SWS125

Technical specifications



Operating mode:

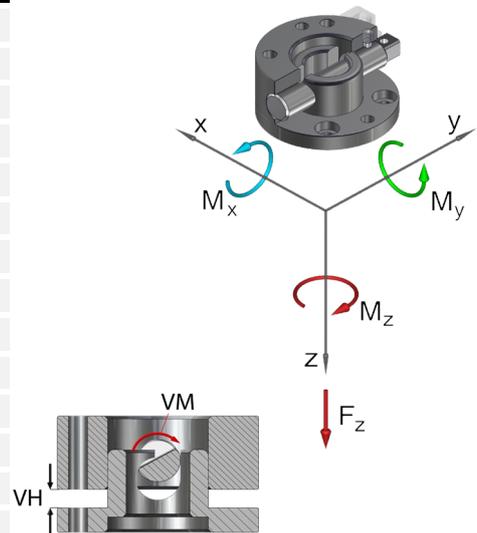
By rotating the semi-cylindrical bolt by 180° the upper assembly (1) and the lower assembly (2) are braced in a form-closed manner

Advantages:

- 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		SWS125	
Basic material		steel	steel, nitrated
External diameter x Height [mm]		125 x 50	
Pitch circle diameter [mm]		100	
Repeat accuracy +/- [mm]		0,02	
Tension Fz [N]		4.500	5.200
Compression -Fz [kN]		565	754
Torsion Mz [Nm]		180	210
Bending Mx, My [Nm]		220	250
Mass [kg]	upper assembly	2,8	
	lower assembly	1,6	
Recommended load [kg] *		50	55
Locking moment VM [Nm]		3 - 20	
Locking stroke VH [mm]		0 - 8	
Operating temperature range [°C]		-30 to +120	
* This guideline applies to the following assumptions: Acceleration: 10m/s², gravity distance: 100 mm, 1,7 times safety			



Quick change system Ø125, drilled according to ISO...

G-SWS125-2O	upper assembly, steel
G-SWS125-2OE	upper assembly, steel, E-Mounting
G-SWS125-2OEN	upper assembly, steel, E-Mounting, nitrated
G-SWS125-2O-N	upper assembly, steel, nitrated
G-MGW125-2UEN	lower assembly, E-Mounting, steel, nitrated
G-MGW125-2U-N	lower assembly, steel, nitrated

Replacement semi-cylindrical bolt safety...

EG-SWS125-VS2 for SWS125

Square socket key...

ZG-VKS125-SW14 for SW 14

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

