

G-SWS100

Technical specifications



Operating mode:

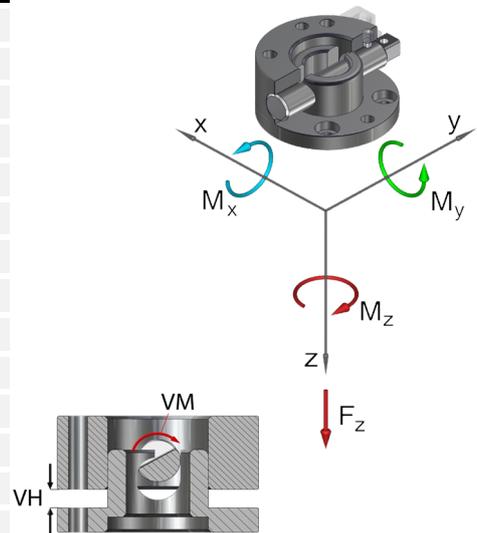
By rotating the semi-cylindrical bolt by 180° the upper assembly (1) and the lower assembly (2) are braced in a form-closed manner

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		SWS100	
Basic material		steel	steel, nitrated
External diameter x Height [mm]		100 x 45	
Pitch circle diameter [mm]		80	
Repeat accuracy +/- [mm]		0,02	
Tension Fz [N]		3.500	4.200
Compression -Fz [kN]		329	439
Torsion Mz [Nm]		140	185
Bending Mx, My [Nm]		180	205
Mass [kg]	upper assembly	1,53	
	lower assembly	1,01	
Recommended load [kg] *		35	39
Locking moment VM [Nm]		3 - 14	
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, double safety			



Quick change system Ø100, drilled according to ISO...

G-SWS100-2O	upper assembly, steel
G-SWS100-2OE	upper assembly, steel, E-Mounting
G-SWS100-2OEN	upper assembly, steel, E-Mounting, nitrated
G-SWS100-2O-N	upper assembly, steel, nitrated
G-MGW100-2UEN	lower assembly, E-Mounting, steel, nitrated
G-MGW100-2U-N	lower assembly, steel, nitrated

Replacement semi-cylindrical bolt safety...

EG-SWS100-VS2 for SWS100

Square socket key...

ZG-VKS100-SW12 for SW 12

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

