G-SWS125

Technical specifications

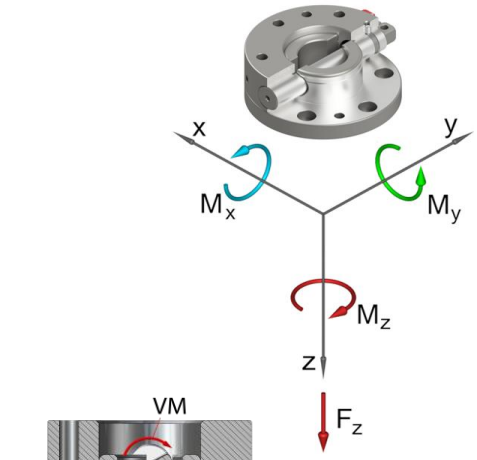
Operating mode:
By rotating the semi-cylindrical bolt by 180° the upper assembly (1) and the lower assembly (2) are positively locked together.
Advantages:
Cost-effective alternative to the MGW
Without hand lever, thereby low interference contours
High repeat accuracy +/- 0,02 mm
Optional connection of an MEK multi-energy coupling for electrical and pneumatic connections.
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

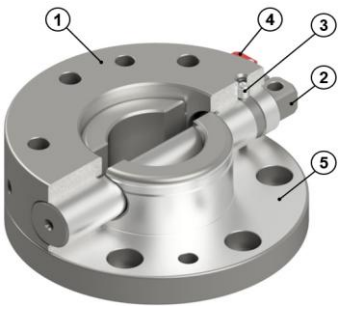
1

2

Technical specifications		SWS125
Basic material		steel, nitrided
External diameter x Height [mm]		125 x 50
Pitch circle diameter [mm]		100
Repeat accuracy +/- [mm]		0,02
Tension Fz [N]		5.200
Compression -Fz [kN]		754
Torsion Mz [Nm]		210
Bending Mx, My [Nm]		250
Mass [kg]	upper assembly	2,8
	lower assembly	1,6
Recommended load [kg] *		55
Locking moment VM [Nm]		3 - 20
Locking stroke VH [mm]		0 - 8
Operating temperature range [°C]		-30 to +120

* The recommended load is based on the following assumptions:
Acceleration: 10m/s², center of gravity distance: 100 mm, 1,7 times safety



Quick change system Ø125, drilled according to ISO, steel, nitrided.	
G-SWS125-2O-N-VS2	upper assembly, safety lock
G-SWS125-2OEN-VS2	upper assembly, E-mount, safety lock
G-MGW125-2U-N	lower assembly
G-MGW125-2UEN	lower assembly, E-Mount
Replacement safety lock…	
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	Safety lock
5	Lower assembly