

G-SWA063

Technical specifications



Operating mode:

By turning the axis, the upper (1) and the lower assembly (2) are locked. The wedge-shaped flanges brace the system in a form-closed manner.

Advantages:

- Reduced height to a minimum
- Very low interference contours
- High repeat accuracy +/- 0,02 mm
- 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



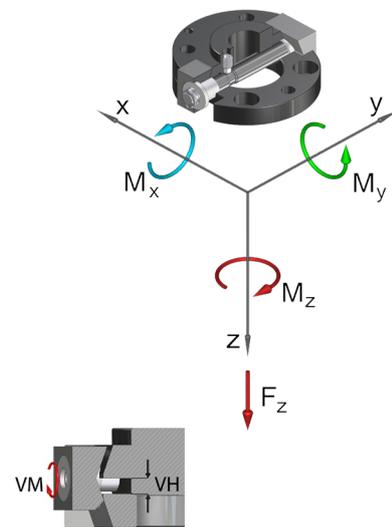
1



2

Technical specifications		SWA063	
Basic material		Al, anod.	St, nitrated
External diameter x height [mm]		63 x 20	
Pitch circle diameter [mm]		50	
Repeat accuracy +/- [mm]		0,02	
Tension Fz [N]		1.000	1.150
Compression -Fz [kN]		89	178
Torsion Mz [Nm]		80	90
Bending Mx [Nm]		70	80
Bending My [Nm]		50	60
Mass [kg]	Upper assembly	0,16	0,35
	Lower assembly	0,05	0,15
Recommended load [kg] *		10	12
Locking torque VM [Nm]		16	
Locking stroke VH [mm]		0 - 6	
Operating temperature range [°C]		-30 to +120	

* This guideline applies to the following assumptions:
Acceleration: 10 m/s², gravity distance: 100 mm, 2,5 times safety

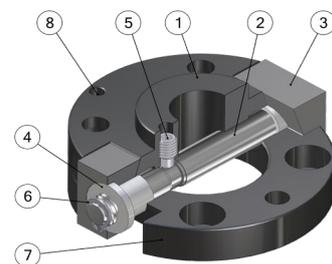


Quick change adapter Ø63, drilled according to ISO...

G-SWA063-2O	upper assembly, Al, anodized
G-SWA063-2O-N	upper assembly, steel, nitrated
G-SWA063-2U	lower assembly, Al, anodized
G-SWA063-2U-N	lower assembly, steel, nitrated

Replacement axis...

EG-SWA063-A	for SWA063
-------------	------------



Pos.	Description
1	Upper assembly
2	Axis
3	Flange
4	Screw nut
5	Setscrew
6	Locking ring
7	Lower assembly
8	Index pin