

G-SWA050

Technical specifications

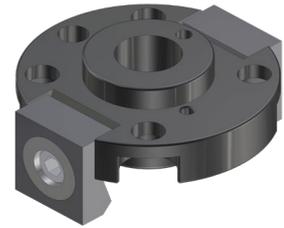


Operating mode:

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



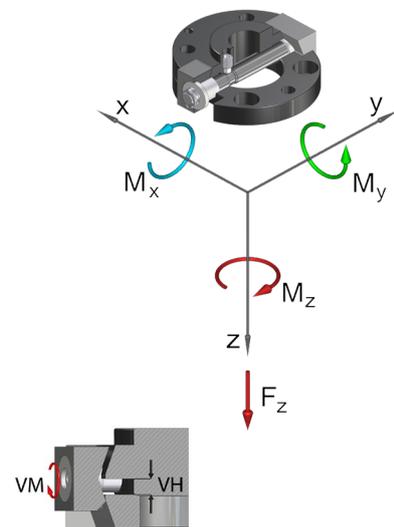
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Technical specifications		SWA050	
Basic material		Al, anod.	St, nitrated
External diameter x height [mm]		50 x 20	
Pitch circle diameter [mm]		40	
Repeat accuracy +/- [mm]		0,02	
Tension Fz [N]		800	920
Compression -Fz [kN]		48	96
Torsion Mz [Nm]		60	70
Bending Mx [Nm]		60	70
Bending My [Nm]		40	48
Mass [kg]	Upper assembly	0,11	0,2
	Lower assembly	0,03	0,1
Recommended load [kg] *		8	9
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

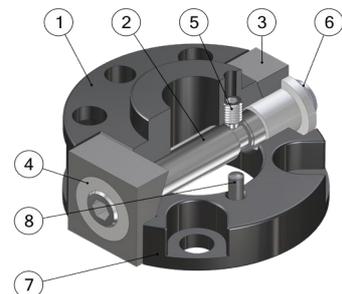


Quick change adapter Ø50, drilled according to ISO...

G-SWA050-2O	upper assembly, Al, anodized
G-SWA050-2O-N	upper assembly, steel, nitrated
G-SWA050-2U	lower assembly, Al, anodized
G-SWA050-2U-N	lower assembly, steel, nitrated

Replacement axis...

EG-SWA050-A	for SWA050
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Pos.	Description
1	Upper assembly
2	Axis
3	Flange
4	Screw nut
5	Setscrew
6	Locking ring
7	Lower assembly
8	Index pin