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:

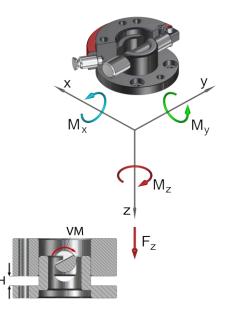
Withstands high loads with low dead weight Can be released and closed with one handle High repeat accuracy +/- 0.02 mm Resilient locking pin secures hand lever against independent releasing Holds up to 5,000 changing cycles During locking, the lower assembly is pulled around the locking stroke Interface according to DIN EN ISO 9409-1

Optional connection of a multi energy coupling **MEK**

Technical sp	pecifications	MGV	V160
Basic material		Al. anod.	St, nitrated
External diameter x Height [mm]		160 x 70	
Pitch circle diameter [mm]		125	
Repeat accuracy	+/- [mm]	0,	02
Tension Fz [N]		2.500	10.000
Compression -Fz	compression -Fz [kN]		1.252
Torsion Mz [Nm]	rsion Mz [Nm] 250		1.000
Bending Mx, My [Nm]		320	1.000
Mass [kg]	upper assembly	2,8	6,6
	lower assembly	1,3	3,85
Recommended lo	oad [kg]	75 *	120 **
Locking torque VM [Nm]		3 - 24	4 - 30
Locking stroke VI	ocking stroke VH [mm]		10
Operating temperature range [°C]		-30 to +120	



GRIP



* This guideline applies to the following assumptions:

Acceleration: 10 m/s², gravity distance: 100 mm, 1.6 times safety

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MGW Connector Ø160, drilled acc. to ISO...

G-MGW160-20	upper assembly, AI, anodized
G-MGW160-2OE	upper assembly, E-Mount, AI, anodized
G-MGW160-2OEN	upper assembly, E-Mount, steel, nitrated
G-MGW160-2O-N	upper assembly, steel, nitrated
G-MGW160-2U	lower assembly, AI, anodized
G-MGW160-2UE	lower assembly, E-Mount, AI, anodized
G-MGW160-2UEN	lower assembly, E-Mount, steel, nitrated
G-MGW160-2U-N	lower assembly, steel, nitrated
Replacement semi-cylin	ndrical bolt
EG-MGW160-HB	for MGW160
EG-MGW160-HB-VA	for MGW160, out off VA
Replacement hand leve	ſ
EG-MGW160-HH	for MGW160

Pos.	Description		
1	Upper assembly		
2	Semi-cylindrical bolt		
3	Hand lever		
4	Index pin		
5	Cylinder bolt		
6	Spring locking pin		
7	Setscrew		
8	Lower assembly		

