

# G-SHS063

## Technical specifications

# GRIP

### Operating mode:

By operating the hand lever on the upper assembly (1), the crossway bolt is displaced radially. The crossway bolt is pressed into the bore of the lower assembly (2).

### Advantages:

Withstands high loads with low dead weight

Intuitive operation

Can be released and closed with one handle

High repeat accuracy +/- 0.02 mm

Holds up to 5,000 changing cycles

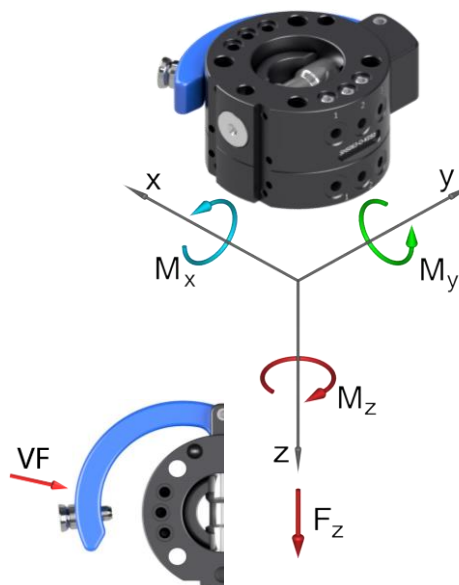
Optional connection of an energy feed-through for electrical and pneumatic ducts

With 6 integrated pneumatic ducts

Interface according to DIN EN ISO 9409-1-50-4-M6



Technical specifications		SHS063
Basic material		Al. anod.
External diameter x height [mm]		63 x 42,5
Pitch circle diameter [mm]		50
Repeat accuracy +/- [mm]		0,02
Tension Fz [N]		900
Compression -Fz [kN]		135
Torsion Mz [Nm]		80
Bending Mx, My [Nm]		75
Mass [kg]	upper assembly	0,25
	lower assembly	0,12
Recommended load [kg]		18* / 24**
Locking force VF [N]		4 - 50
Locking stroke VH [mm]		0 - 1
Pneumatic ducts	connection	3 x M5 a. 3 x D=2,8
	max. pressure p [bar]	-1 to 8
Operating temperature range [°C]		-30 to +120
* This guideline applies to the following assumptions: Acceleration: 10 m/s², gravity distance: 100 mm, double safety		
** This guideline applies to the following assumptions: Acceleration: 5 m/s², gravity distance: 100 mm, double safety		



Pos.	Description	SHS063 Connector, drilled acc. to ISO...	
1	Upper assembly	G-SHS063-O-K050	upper assembly, E-Mount, 6 pneum. ducts, Al, anodized
2	Crossway bolt (CB)	G-SHS063-U-A050	lower assembly, E-Mount, 6 pneum. ducts, Al, anodized
3	Hand lever	G-SHS063-U-A050-M6	lower a., E-Mount, 6 pneum. ducts, Al, anodized, M6 inserts
4	Holder		
5	Strap pin (SP)		
6	Spring locking pin		
7	Guiding screw		
9	Cylinder bolt SP		
10	Cylinder bolt CB		
11	Shim ring		
12	Lower assembly		

