

G-SHS100

Technical specifications



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 9 integrated pneumatic ducts

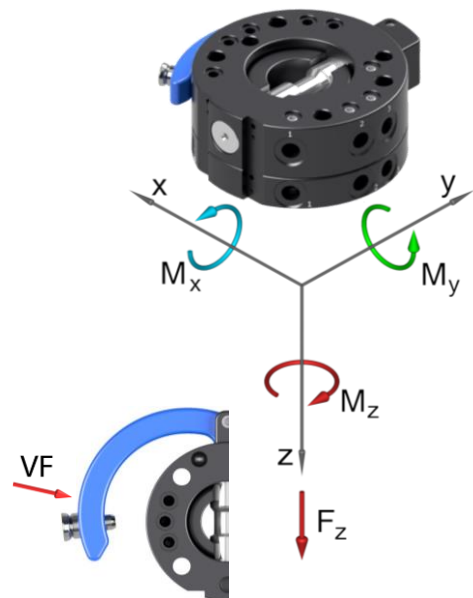
Interface according to DIN EN ISO 9409-1-80-6-M8



Technical specifications		SHS100
Basic material		Al. anod.
External diameter x height [mm]		100 x 48
Pitch circle diameter [mm]		80
Repeat accuracy +/- [mm]		0,02
Tension Fz [N]		1.600
Compression -Fz [kN]		219
Torsion Mz [Nm]		465
Bending Mx, My [Nm]		300
Mass [kg]	upper assembly	0,62
	lower assembly	0,36
Recommended load [kg]		25* / 34**
Locking force VF [N]		6 - 70
Locking stroke VH [mm]		0 - 1
Pneumatic ducts	connection	4 x G1/8 a. 5 x D=5
	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
1	Upper assembly
2	Crossway bolt (CB)
3	Hand lever
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

SHS100 Connector, drilled acc. to ISO...

G-SHS100-O-K080	upper assembly, E-Mount, 9 pneum. ducts, Al, anodized
G-SHS100-U-A080	lower assembly, E-Mount, 9 pneum. ducts, Al, anodized

