

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

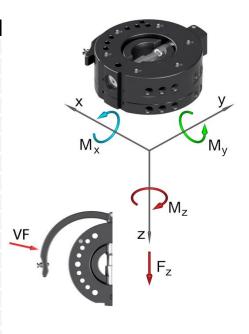
Optional connection of an energy feed-through SEK for electrical and pneumatic ducts

With 12 integrated pneumatic ducts

Interface according to DIN EN ISO 9409-1



Technical specifications		SHW160-P		
Basic material		Al. anod.		
External diameter x height [mm]		160 x 70		
Pitch circle diameter [mm]		125		
Repeat accuracy +/- [mm]		0,02		
Tension Fz [N]		2.000		
Compression -Fz [kN]		626		
Torsion Mz [Nm]		300		
Bending Mx, My [Nm]		320		
Mass [kg]	upper assembly	2,8		
	lower assembly	1,2		
Recommended load [kg]		52* / 68**		
Locking force VF [N]		10 - 100		
Locking stroke VH [mm]		0 - 1		
Pneumatic ducts	connection	6 x G1/4 a. 6 x D=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
1	Upper assembly
2	Crossway bolt (CB)
3	Hand lever
4	Holder
5	Strap pin (SP)
6	Spring locking pin
7	Guiding screw
8	Index pin
9	Cylinder bolt SP
10	Cylinder bolt CB
11	Shim ring
12	Lower assembly
13	O-ring

SHW160 Connector, drilled acc. to ISO... G-SHW160-20EP upper assembly, E-Mount, 12 pneum. ducts, Al, anodized G-SHW160-2UEP lower assembly, E-Mount, 12 pneum. ducts, Al, anodized

