

SGH

**High Precision 6-Planet
Planetary Gearboxes**

SGH



With 6 planet gears on the main stage, SGH high precision planetary gearboxes offer an even greater output torque than the SGM series, without making compromises in reliability, repeatability and durability.

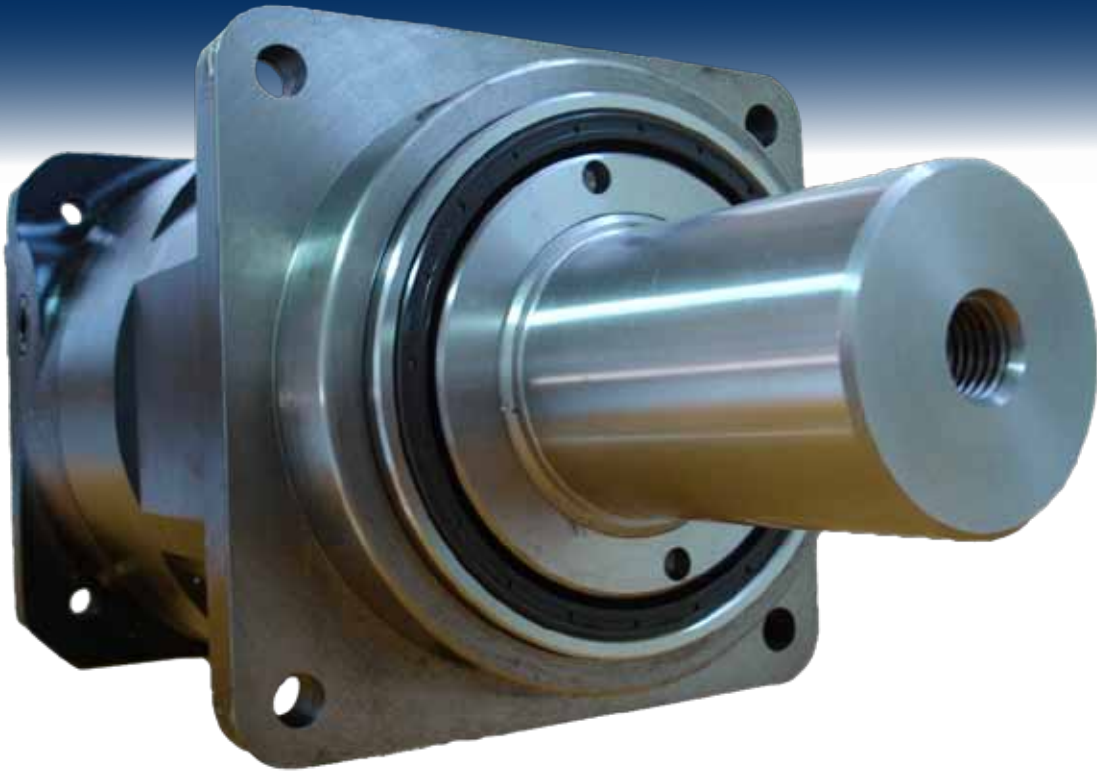
Highlights:

- Six Sizes
- 1, 2 and 3 Stages
- 6 Planets in the Main Stage
- 5 Different Backlash Classes, including ca. 0'
- Robust and Compact Design
- Offers Greatest Transmissible Torque Density
- Oversized Output
- High Efficiency

- Extremely High Torsional Stiffness
- Triple Emergency Stop Torque
- Smooth and Quiet Operation Thanks to High Gearing Quality
- Superior Permissible Output Loads Thanks to High Capacity Bearings
- Suitable for Rack&Pinion Systems
- Very Good Load Balancing Leading to High Operational Safety
- 6 Output Shaft Variants, Including Integral Pinion and Hollow Shaft with Shrink Disk
- Perfect Balancing of the Clamping Ring Ensures Vibration Free Transmission
- Ready For all Servomotor Brands



Cutting Edge Technology



Type	Number of Stages	Max Output Torque (Nm)	Transmission Ratios	Backlash
SGH-150	1	180	3	
SGH-150	2	180	9, 12, 15, 21, 30	<10'; <5'; <3'; <1'; ca. 0'
SGH-150	3	180	27, 36, 45, 48, 60, 75, 90, 120, 150, 300	
SGH-400	1	500	3	
SGH-400	2	500	9, 12, 15, 21, 30	<10'; <5'; <3'; <1'; ca. 0'
SGH-400	3	500	27, 36, 45, 48, 60, 75, 90, 120, 150, 300	
SGH-750	1	900	3	
SGH-750	2	900	9, 12, 15, 21, 30	<10'; <5'; <3'; <1'; ca. 0'
SGH-750	3	900	27, 36, 45, 48, 60, 75, 90, 120, 150, 300	
SGH-1800	1	2000	3	
SGH-1800	2	2000	9, 12, 15, 21, 30	<10'; <5'; <3'; <1'; ca. 0'
SGH-1800	3	2000	27, 36, 45, 48, 60, 75, 90, 120, 150, 300	
SGH-5000	1	5000	3	
SGH-5000	2	5000	9, 12, 15, 21, 30	<10'; <5'; <3'; <1'; ca. 0'
SGH-5000	3	5000	27, 36, 45, 48, 60, 75, 90, 120, 150, 300	
SGH-16000	1	17000	3	
SGH-16000	2	17000	9, 12, 15, 21, 30	<10'; <5'; <3'; <1'; ca. 0'
SGH-16000	3	17000	27, 36, 45, 48, 60, 75, 90, 120, 150, 300	

For High Performance CNC Machinery

Servotak[®]

PRECISION GEARBOXES

France – Germany – Italy – Portugal – Spain

Axis Automation, SLU

Avenida de la Plata, 23 – 1 46013 Valencia – Spain

Tel: +34 963 950 442 — Fax: +34 963 348 267

www.servotak.eu

