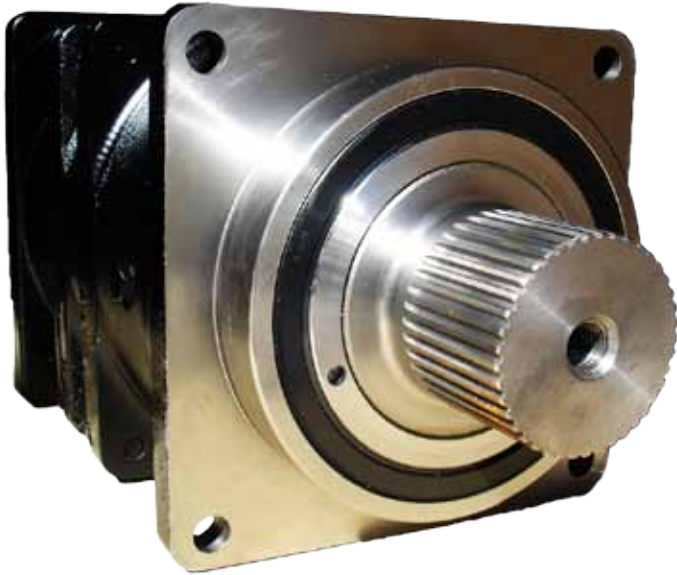




**SG**

**High Precision 3-Planet  
Planetary Gearboxes**

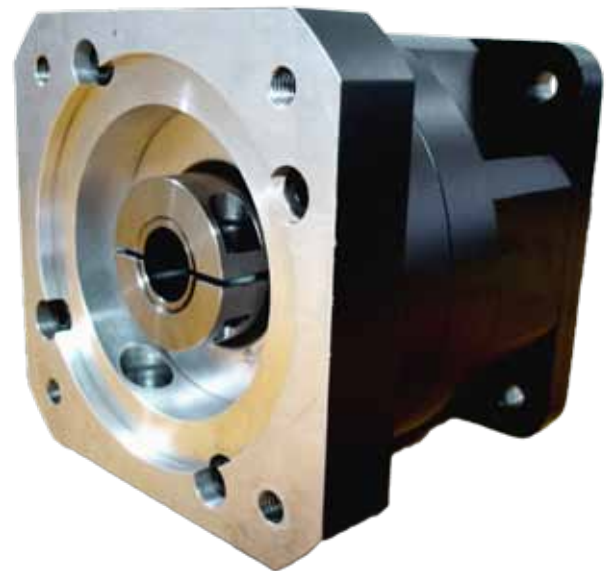


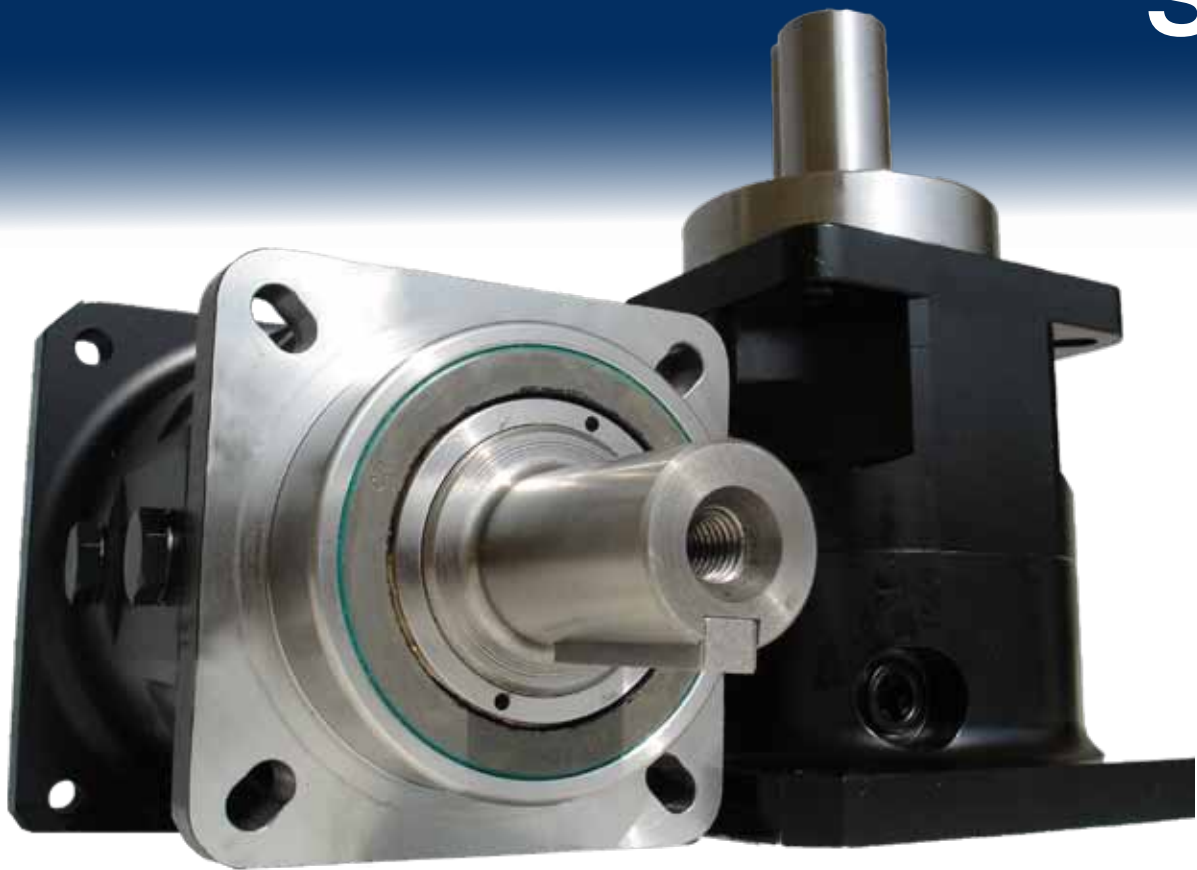
SG high precision planetary gearboxes offer excellent reliability, unmatched repeatability and very high durability, making them ideal for cutting-edge machine tools, high performance robotics, etc.

#### Highlights:

- Six Sizes
- 1, 2 and 3 Stages
- 4 or more Stages on Demand
- 5 Different Backlash Classes, including ca. 0'
- Robust and Compact Design
- High Efficiency
- 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
- Extremely High Torsional Stiffness
- Very Good Load Balancing Leading to High Operational Safety
- 6 Output Shaft Variants, Including Integral Pinion and Hollow Shaft with Shrink Disk
- Simple Motor Mounting Thanks to a Proven Input Coupling System. Perfect Balancing of the Clamping Ring Ensures Vibration Free Transmission
- Ready For all Servomotor Brands
- Customizable on Demand





Type	Number of Stages	Max Output Torque (Nm)	Transmission Ratios	Backlash
SG-80	1	115	3, 4, 5, 7, 10	
SG-80	2	115	9, 12, 15, 16, 20, 25, 28, 30, 35, 40, 49, 50, 70, 100	<10'; <5'; <3'; <1'; ca. 0'
SG-80	3	115	105, 125, 140, 150, 175, 200, 250, 300, 350, 400, 500, 700, 1000	
SG-300	1	380	3, 4, 5, 7, 10	
SG-300	2	380	9, 12, 15, 16, 20, 25, 28, 30, 35, 40, 49, 50, 70, 100	<10'; <5'; <3'; <1'; ca. 0'
SG-300	3	380	105, 125, 140, 150, 175, 200, 250, 300, 350, 400, 500, 700, 1000	
SG-500	1	570	3, 4, 5, 7, 10	
SG-500	2	660	9, 12, 15, 16, 20, 25, 28, 30, 35, 40, 49, 50, 70, 100	<10'; <5'; <3'; <1'; ca. 0'
SG-500	3	660	105, 125, 140, 150, 175, 200, 250, 300, 350, 400, 500, 700, 1000	
SG-800	1	1240	3, 4, 5, 7, 10	
SG-800	2	1240	9, 12, 15, 16, 20, 25, 28, 30, 35, 40, 49, 50, 70, 100	<10'; <5'; <3'; <1'; ca. 0'
SG-800	3	1240	105, 125, 140, 150, 175, 200, 250, 300, 350, 400, 500, 700, 1000	
SG-3000	1	4100	3, 4, 5, 7, 10	
SG-3000	2	4100	9, 12, 15, 16, 20, 25, 28, 30, 35, 40, 49, 50, 70, 100	<10'; <5'; <3'; <1'; ca. 0'
SG-3000	3	4100	105, 125, 140, 150, 175, 200, 250, 300, 350, 400, 500, 700, 1000	
SG-9000	1	11600	3, 4, 5, 7, 10	
SG-9000	2	11600	9, 12, 15, 16, 20, 25, 28, 30, 35, 40, 49, 50, 70, 100	<10'; <5'; <3'; <1'; ca. 0'
SG-9000	3	11600	105, 125, 140, 150, 175, 200, 250, 300, 350, 400, 500, 700, 1000	

*For High Performance CNC Machinery*

# **Servotak**<sup>®</sup>

PRECISION GEARBOXES

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