



SERVO MOTOR GEARHEADS
MOTOR · SPEED REDUCER · PRECISION GEARMOTOR



SERVO MOTOR GEARHEADS SERIES LINEUP

Program Features & Benefits

- Multiple design configurations and performance levels
- Adapters for all servo motors
- Drop-ins for most industry standards
- Hardened and ground gearing
- One-piece planet carrier/output shaft on most models
- Planets with full needle bearing support
- IP65 protection on most models



Premium Type (Helical Gear)

- Backlash as low as 1 arc-minute, ultimate performance
- 3 designs to choose from, up to 7 sizes available
- Capacity from 10-2000 Nm

Precision Type (Helical Gear)

- 3 levels of backlash, for demanding applications
- 3 designs configurations, 7 frame sizes 42-220 mm
- Square or round mounting, ratio from 3-100:1

Precision Type (Spur Gear)

- 3 levels of backlash, 4 design configurations
- 7 frame sizes 42-220 mm
- Square or round mounting, ratio from 3-100 : 1
- Stainless steel series available

Standard Type (Spur Gear)

- 5 frame sizes 42-115 mm, general purpose applications
- Good backlash values, ratios up to 729:1
- Reliable operating performance, cost effective integration

Primary Type (Spur Gear)

- 5 frame sizes 42-115 mm, general purpose applications
- Good backlash values, ratios up to 729:1
- Reliable operating performance, cost effective integration

Output Shaft



PHL Series
High Precision



PGLH Series



PGL Series



PGE Series



PAC Series



PAE Series



PBC Series
High Ratio (max. i=729)



PGH Series
High Performance



PUL Series
High Radial Load



PUE Series



SGC Series
Stainless Steel



SGE Series
Stainless Steel



PAN Series
(NEMA)



PGS Series



PNS Series



PBE Series
High Ratio (max. i=729)

Output Flange



PHF Series



PGF Series

- Output Flange**
- Right angle and inline models, ISO mounting dimensions
 - 3 levels of backlash, 7 frame sizes available
 - High moment and axial load capacity

- Right Angle Series**
- 3 models to choose from, saving linear space
 - 3 backlash levels, 7 sizes from 42-200 mm
 - Premium and precision designs, ratios from 3-200:1

Right Angle



PHFR Series



PUR Series



PGFR Series



PGRH Series



PGR Series



PTS Series





AC Induction Motors



Features & Types

- Uni-directional and continuous operation.
- Variable AC power input options.
- Output 6W up to 90W.
- Wide ranges of model work with magnetic brake, speed reducer and control circuits.
- Thermo switch available (optional).
- CE(EMC & LVD) · UL · CCC certified.

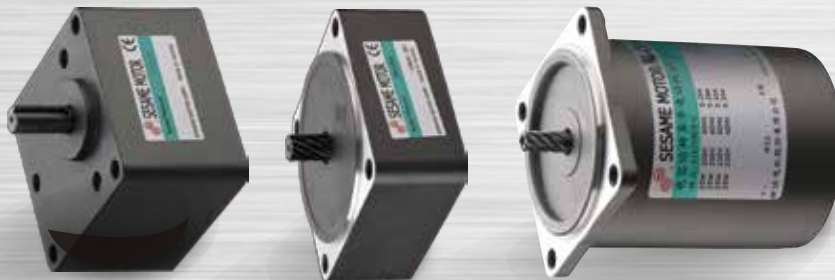
Product defect or damage due to human error or over load usage will not be covered under warranty.

Speed Reducer

SPEED REDUCER

INTERMEDIATE
SPEED REDUCER

MOTOR <GEAR SHAFT>



Features & Types

- Integrated gear box contributes precision and efficiency.
- Ball bearing + closed gear box ensure radial and axial loading capacity.
- Low noise and long service life.
- BLDC compatible (GB series).
- Gear ratio 3~180.

Assembled Type Variable Speed Motor / Assembled Type Speed Controller



Features

- Easy wiring and speed control.
- Built-in electronic brake circuits for instant braking.
- Wide range of variable speeds.
- Parallel rotation performance.
- High-responsive and great stability in speed control.
- Connection with other control systems is available.

Application

Machine Tool Accessories, Cutting Equipment, Bar Feeder, Conveyor Equipment, Packaging Machinery, Food Processing Machinery, Printing Machine, Agricultural Machinery, Medical Equipment...etc.

Circuits, capacitor and variable resistor are assembled in controller, which is attached to motor via extended cable. Ready-to-use once power is supplied.

Separated Type Speed Controller



Features

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- Built-in electronic brake circuits for instant braking.
- Wide range of variable speeds.
- Parallel rotation performance.
- High-responsive and great stability in speed control.
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Application

Machine Tool Accessories, Cutting Equipment, Bar Feeder, Conveyor Equipment, Packaging Machinery, Food Processing Machinery, Printing Machine, Agricultural Machinery, Medical Equipment...etc.

According to different purposes and needs, induction and reversible motors equipped with generators will adopt various wiring methods and controller types.

NEW

High Efficiency IEC Motors



Features & Types

- Standard IEC metric sizes, variable AC power input options.
- IE3 Premium efficiency, low vibration, low noise.
- Output 750W (1HP) ~ 2200W (3HP). Insulation F class.

NEW

Gear Motor



Features & Types

- Modular products for the optimum flexibility. Gear ratio 3~180.
- Impact size and structure with precision gear process ensure low vibration and noise.
- Aluminum housing benefits heat diffusion.
- Output 100W (1/8HP) up to 750W (1HP).
- Wide range of application with brake and various AC power supply options.
- Thermo switch available (optional). IP65 enclosure (optional).

Applications

Machine Tool Accessories, Bar Feeder, Conveyor, Gliding Machine, Elevator, Transporting Equipment, Printing Machinery, Food Process Machinery, Packaging Machinery, Plastic & Rubber Processing Machinery ...etc.

Precision Gear Motor



Features & Types

- Impact size and structure with precision gear process ensure low vibration and noise.
- Aluminum housing benefits heat diffusion.
- Output 100W (1/8HP) up to 2200W (3HP).
- Wide range of application with brake and various AC power supply options.
- Thermo switch available (optional).
- CE(EMC & LVD) 、UL 、CCC certified. IP65 enclosure (optional).

Applications

Machine Tool Accsories, Bar Feeder, Conveyor, Gliding Machine, Elevator, Transporting Equipment, Printing Machinery, Food Process Machinery, Packaging Machinery, Plastic & Rubber Processing Machinery ...etc.

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**Sesame Motor Corp.,
A Leading Brand in Power Transmission**



SESAME MOTOR CORP.

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