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V4.0



PRODUCT LINES



100%

Made in Taiwan

SERVO GEARBOXES

AC MOTORS

GEAR MOTORS

Premium Type



PGH



PHL



PUL



PHF

Precision Type



PGLH



PGEH



PGCH



PUA



PGF



PGL



PGE



PGC



PGSH

Primary Type



PEE



PAE



PBE



PGS



PAN



PEC



PAC



PBC



PNS

Strain Wave Gearboxes



AGV/AMR Gearboxes



PGV

Servo Spiral Bevel Gearboxes



PT/PTS

Stainless Steel Gearboxes



SGC

SGE

Hollow Shaft Gearboxes



PGW

Ultra High Stiffness & Rigidity Gearboxes



Frame Size > 300 mm

PGHA/PGHX

In-line

Right Angle

Ultra High Stiffness & Rigidity Gearboxes

NEW



Features

- Frame size 220 mm up to 300 mm and above. Customization available.
- Designed for large double column machine center or horizontal machine tools.
- Extra high torque and stiffness, no distortion or shake under high loading.
- Backlash as low as 1 arc-minute, ultimate performance.
- IP65 enclosure and service life synthetic lubricant.

Hollow Shaft Gearboxes



Features

- In-line planetary gearhead with zero slip clamping mechanism.
- Ready to mount to ball screw modules or cartesian robotics.
- Alloy steel precision gears, ratios up to 1000:1.
- Lubricated for life and IP65 sealing.
- Low noise, low vibration, maintenance-free.

Stainless Steel Planetary Gearboxes



Features

- Corrosion resistance, fast and easy to clean.
- For food, pharmaceutical, cosmetics, aerospace, anti-magnetic industries and machinery.
- Permanent laser engraving label, IP65 enclosure, lubricated for life.
- Customized requirements or high level IP protection are available.

Planetary Gearboxes for AGVs & AMRs

NEW



Features

- Designed for AGVs and AMRs driving units. High rigidity and radial load capacity.
- Direct mounting of motor and wheel to save installation space.
- Low backlash, low noise, high efficiency.
- IP65 enclosure and service life synthetic lubricant.

Strain Wave Gearboxes

NEW

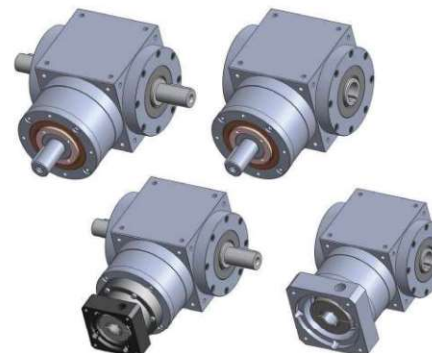


Features

- Zero backlash, excellent repeatability.
- Peak torque: 46 Nm to 892 Nm.
- Reduction ratios 50:1 to 120:1.
- High torsional stiffness and high torque density.
- High reliability and long service life.

Spiral Bevel Gearboxes

NEW



Features

- Compact and rigid design ensure performance within light and small gearbox size.
- High rigidity, low noise, low vibration.
- 7 frame sizes, 22 ratios, max. ratio 500:1, multi configurations.
- Tapered roller bearings, high axial and radial load capacity.
- Lubricated for life and IP65 sealing.
- High operating efficiency more than 98%.

AC Motors (6W-90W) + Speed Reducers



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.



Speed Reducers

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.

Variable Speed Motors (6W-90W) / Assembled Type Speed Controller



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

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.

Variable Speed Motors (6W-90W) / Separated Type Speed Controller

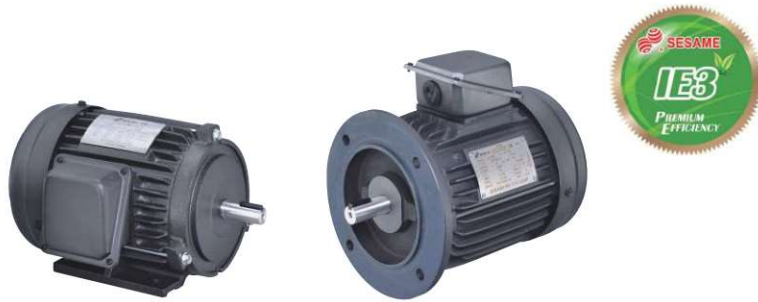


According to different purposes and needs, induction and reversible motors equipped with generators will adopt various wiring methods and controller types.

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.

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.

Gear Motors



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).



Gear Motors

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).

Why Sesame Motor?

Sesame Motor is an ISO 9001 and ISO 14001 certified company offering CE, CCC, UL certified power transmission products. We offer expertise to assist in selecting the appropriate solutions to meet your needs from pre-sales consultative discussion, order follow up to delivery, and everything related to products usages and maintenance. There are more than 30 agents and distributors providing global users with application analysis and after-sales services. We deliver products that consistently meet customer requirements, satisfaction and offer service that can be relied on.

