

PRODUCT LINES



100%

Made in Taiwan

SERVO GEARBOXES
伺服專用減速機

AC MOTORS
小型感應馬達

GEAR MOTORS
齒輪馬達



Premium Type
極精密型


PGH



PHL



PUL



PHF

Precision Type
精密型


PGLH



PGL



PGEH



PGE



PGCH



PGC



PUA



PGSH



PGF

Primary Type
泛用型


PEE



PEC



PAE



PAC



PBE



PBC



PGS



PAN

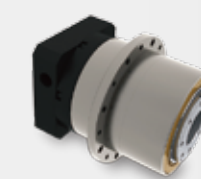


PNS

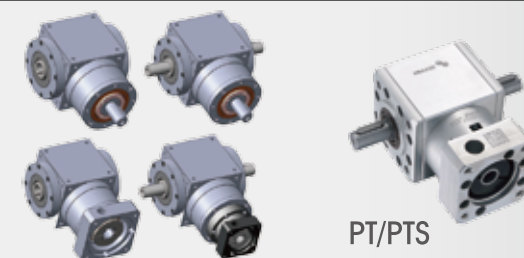
Strain Wave Gearboxes
諧波減速機

SSH
杯型

SCS
帽型

AGV/AMR Gearboxes
AGV/AMR 專用行星式減速機


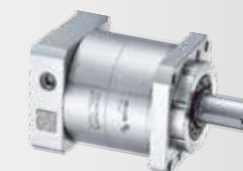
PGV

Servo Spiral Bevel Gearboxes
多輸出軸螺旋傘齒輪減速機


PT/PTS

Stainless Steel Gearboxes
不鏽鋼行星式減速機


SGC



SGE

Hollow Shaft Gearboxes
滾珠螺桿專用行星式減速機


PGW

Ultra High Stiffness & Rigidity Gearboxes
超高剛性、超高扭矩行星式減速機

Frame Size > 300 mm
框號 > 300 mm
PGHA/PGHX

In-line
平行出力軸

Right Angle
直角型

Ultra High Stiffness & Rigidity Gearboxes 超高剛性、超高扭矩行星式減速機

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.

特點

- 框號220 mm起，最大可達300 mm以上。可依特殊需求客製。
- 大型龍門機床、臥式鏜銑床、橡塑膠機械專用。
- 超高剛性、超高扭矩。高負荷或急起急停時不扭曲變形、無震盪。刀塔可立即加工，無需等待。
- 極精密背隙可達1弧分，高階應用性能。
- IP65防護等級、全合成潤滑油、終身免保養。

Hollow Shaft Gearboxes 滾珠螺桿專用行星式減速機



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.

特點

- 輸入輸出端鎖緊環皆經動平衡分析，確保同心度及零滑差動力傳遞。
- 滾珠螺桿或單軸機器人專用。
- 特殊齒輪加工至最佳精度與耐磨耗度。
- 高效率、低噪音、最高減速比1000:1。
- IP65防護等級、全合成潤滑油、終身免保養。

Stainless Steel Planetary Gearboxes 不鏽鋼行星式減速機



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.

特點

- 抗腐蝕不鏽鋼材質，圓滑外形清洗簡便。
- 可選配食品級潤滑油，無汙染，終身免換油、免保養、省成本。
- 適用食品、製藥、化學、生技、航太、抗磁性等嚴苛應用環境。
- 可接受客製化特殊需求。例如低溫使用環境、IP67防塵防水等級、升級抗腐蝕能力等。

Planetary Gearboxes for AGVs & AMRs 無人搬運車、自主移動機器人專用減速機

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.

特點

- AGV與AMR驅動模組專用。高扭轉剛性、高徑向負載能力。
- 減速機直結馬達與驅動輪，節省安裝空間。
- 精密背隙、傳動效率高、低噪音。
- IP65防護等級、全合成潤滑油、終身免換油、免保養。
- 馬達連接板適用各廠牌伺服馬達與直流馬達。

Strain Wave Gearboxes 諧波減速機

NEW



Features

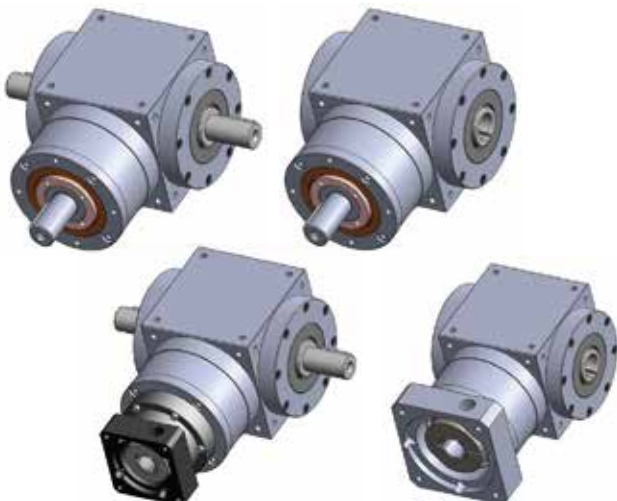
- Zero backlash, excellent repeatability.
- Peak torque: 46 Nm to 892 Nm.
- Reduction ratios 50:1 to 120:1.
- High torsional stiffness and high torque density.
- High reliability and long service life.

特點

- 零背隙，精準重複定位。
- 瞬間容許最大轉矩：46 Nm 至 892 Nm。
- 減速比 50:1 至 120:1。
- 高扭轉剛度和高扭矩密度。
- 高可靠性和長使用壽命。

Spiral Bevel Gearboxes 多輸出軸螺旋傘齒輪減速機

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%.

特點

- 結構緊湊，高剛性設計，確保在體積小、重量輕的情況下能達到最高性能。
- 高強度、高剛性、低噪音、低震動。
- 7種框號、22種減速比、最高減速比500:1，多樣化機種規格搭配選擇。
- 錐狀軸承應用，高徑向負載與荷重能力。
- 傳動效率>98%，大大節省能源成本。
- IP65防護等級，不洩漏、免保養、終身免換油。

AC Motors (6W-90W) + Speed Reducers 小型感應馬達(6W-90W)+減速機



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.

特色與機型

- 對應全球電壓規格，提供AC電源即可運轉。
- 6W~90W輸出，可依需求結合減速機、剎車器或控制回路使用。
- 機種齊全：可逆式馬達、無段變速馬達、煞車馬達、離合煞車馬達、轉矩馬達。
- 內建溫控保護開關(選配)。
- CE (EMC & LVD)、UL、CCC認證。
- 最適合單向連續運轉、正逆轉之自動化輸送設備。



Speed Reducers 減速機

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.

特色與機型

- 與馬達結合可降低轉速、提高轉矩、應用廣泛。
- 一體成形齒箱，精度高、效率佳。
- 可承受更高之側向力與軸向力。
- 滾珠軸承+封閉式齒箱設計，低噪音、壽命長。
- 無刷直流馬達專用GB系列。
- 減速比3~180比。

Variable Speed Motors (6W-90W) / Assembled Type Speed Controller 調速馬達(6W-90W) / 組合型速度控制器



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.

控制用迴路、運轉電容及可變電阻等均組合在控制器內，並採用延長線與馬達連結，只要接上電源即可使用。

特點

- 配線簡單，速度控制容易。
- 內建電子式煞車迴路，具瞬時剎車功能。
- 速度變化範圍寬廣。
- 具備並列運轉之功能。
- 高應答性、高安定性之速度變化。
- 能與其他控制系統連結。

Variable Speed Motors (6W-90W) / Separated Type Speed Controller 調速馬達(6W-90W) / 分離型速度控制器



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

Features

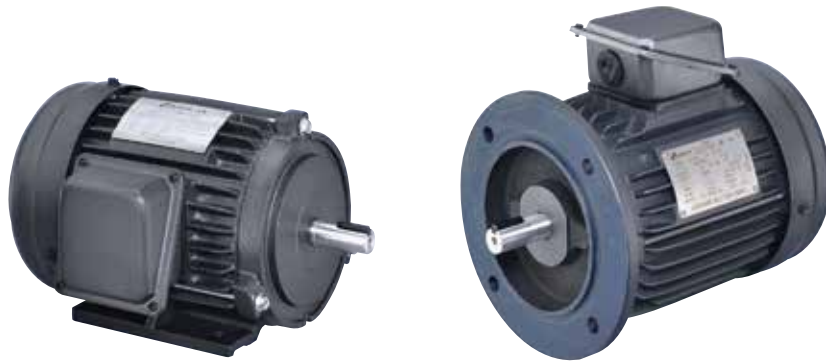
- Easy wiring and speed control.
- Built-in electronic brake circuits for instant braking.
- Wide range of variable speeds.
- Parallel rotation performance.
- High-responsive and great stability in speed control.
- Connection with other control systems is available.

附轉速發電機的感應式與可逆式馬達，可依據用途及需求而採用不同的配線方式與控制器連結。

特點

- 配線簡單，速度控制容易。
- 內建電子式煞車迴路，具瞬時剎車功能。
- 速度變化範圍寬廣。
- 具備並列運轉之功能。
- 高應答性、高安定性之速度變化。
- 能與其他控制系統連結。

High Efficiency IEC Motors 高效率IEC馬達



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.

特色與機型

- IEC標準多電壓設計，適用於全球大多數國家地區使用。
- IE3優級能效，高效率、低振動、低噪音。
- 750W (1HP) ~ 2200W (3HP) 輸出，絕緣等級F級。



Gear Motors 組合式齒輪馬達

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).

特色與機型

- 組合式馬達與減速機設計，彈性搭配各式減速比使用。減速比3~180比。
- 體積小、結構緊湊，齒輪經精密加工，振動小、噪音低。
- 輕量化鋁壓鑄材質齒箱，散熱性佳。可搭配煞車器，應用廣泛。
- 對應全球電壓規格，100W (1/8HP) ~ 750W (1HP) 足瓦輸出。
- 內建溫控保護開關(選配)。IP65防護等級(選配)。

Gear Motors 齒輪馬達



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).

特色與機型

- 體積小、結構緊湊，齒輪經精密加工，振動小、噪音低。
- 輕量化鋁壓鑄材質齒箱，散熱性佳。可搭配煞車器，應用廣泛。
- 對應全球電壓規格，100W (1/8HP) ~ 2200W (3HP) 足瓦輸出。內建溫控保護開關(選配)。
- CE (EMC & LVD) · UL · CCC認證。IP65防護等級(選配)。

Why Sesame Motor?

Sesame Motor is an ISO 9001 and ISO14001 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.

為什麼要選擇世協的產品？

世協已分別取得ISO9001和ISO14001的驗證，所提供的馬達與齒輪馬達產品亦取得UL、CE、CCC等國際驗證，產品線更擴及全系列的伺服馬達專用行星式減速機、螺旋傘齒輪減速機與諧波減速機。我們提供專業，協助您選擇合適的解決方案來滿足您的需求，從售前諮詢討論、訂單進度掌握到交貨，以及與產品安裝、使用與維修相關的任何問題。SESAME不僅是國內高市佔率品牌，而且已行銷全球50多個國家，擁有30多家代理商和經銷商，為全球客戶提供應用分析與售後服務。我們不僅能提供滿足客戶需求的產品，更能提供值得信賴的服務。





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