AC Servo Driver & Motor — High-Precision Servo System

Low vibration, high-speed response with 3x overload for CNC & robotics.



AC Servo Driver & Motor System · 0.4–7.5 kW

Power range	**0.4–7.5 kW**
Voltage	**220 / 380 V**
Enclosure	**IP20 Driver · IP65 Motor**
Certification	**CE · ISO 9001**

At a glance

- High dynamic response: 0 to 3000 RPM in milliseconds
- 300% peak torque overload capability for aggressive machine acceleration
- Built-in notch and FIR filters eliminate machine resonance vibrations
- Complete matching drive and high-inertia / low-inertia servo motor packs

Electrical envelope

Parameter	Listed value
Rated power	0.4 kW to 7.5 kW
Rated speed	1000 / 1500 / 2000 / 3000 RPM
Encoder type	2500 PPR incremental / 17-bit / 23-bit absolute
Overload capability	Up to 300% peak rated torque
Control modes	Position control, Speed control, Torque control
Communication	RS-485 Modbus RTU, pulse/direction interface
Resonance control	Built-in FIR filter and multiple trap filters, auto vibration suppression
Motor protection	IP65 waterproof and dustproof shaft seal
Typical applications	Robotics · CNC positioning · Machine tools · Packaging machinery
MOQ	1 set

Frames and packages

Model	Rating	Dimensions	Packing
GS-060-0.4KW	0.4 kW / 1.27 N·m / 3000 RPM	Frame 60	Driver + Motor + Cables
GS-080-0.75KW	0.75 kW / 2.39 N·m / 3000 RPM	Frame 80	Driver + Motor + Cables
GS-130-1.5KW	1.5 kW / 6.0 N·m / 2000 RPM	Frame 130	Driver + Motor + Cables
GS-130-3.8KW	3.8 kW / 15.0 N·m / 2000 RPM	Frame 130	Driver + Motor + Cables

How to read this sheet. Ratings, currents and dimensions are reproduced from the manufacturer's own selection sheet and are indicative. The binding specification is the one stated on the quotation and on the test sheet shipped with the unit. Model codes and frame variants beyond the table are quoted to order; where a duty point sits between two frames, send the load profile and the frame is confirmed in writing before the order.

Quotation and samples
gdvfdseller2@goldbell.cc · +86 173 1808 6390
Storefront: https://goldbellvfd.en.alibaba.com/

Goldbell Electric Drives and Controls (Shenzhen) Co., Ltd.
Shenzhen, Guangdong, China
goldbelldrives.com/products/servo-series