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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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The simple solution for complex systems

KOLLMORGEN

SERVOSTAR™

Family of Digital Amplifiers

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Kollmorgen SERVOSTAR™ Ratings

Model	Continuous Current Amps RMS/phase	Peak Current Amps RMS/phase	Height mm (inches)	Width mm (inches)	Depth mm (inches)
Sx03	3	6	238 (9.37)	75 (2.91)	175 (6.89)
Sx06	6	12	238 (9.37)	75 (2.91)	175 (6.89)
Sx10	10	20	238 (9.37)	90 (3.54)	175 (6.89)
Sx20	20	40	238 (9.37)	118.6 (4.67)	175 (6.89)
Sx30	30	60	238 (9.37)	142 (5.59)	175 (6.89)
Sx55	55	110	263 (10.37)	166 (6.53)	178 (7.00)
Sx85	85	170	263 (10.37)	185 (7.27)	176 (6.91)

PA Power Supply Ratings

Model	Input Voltage VAC	Output Power kW	Height mm (inches)	Width mm (inches)	Depth mm (inches)
PA08	115 1Ø 230 1Ø 230 3Ø	0.65 1.3 2.4	238 (9.37)	63.5 (2.5)	175 (6.89)
PA14	115 1Ø 115 3Ø	1.1 2.1	238 (9.37)	124.4 (4.9)	175 (6.89)
PA28	230 1Ø / 230 3Ø	2.4 / 8.4	238 (9.37)	124.4 (4.9)	175 (6.89)
PA50	230 3Ø	15.0	264 (10.39)	166 (6.53)	178 (7.01)
PA75	230 3Ø	22.5	264 (10.39)	166 (6.53)	178 (7.01)
PA85	230 3Ø	25.5	264 (10.39)	166 (6.53)	178 (7.01)



MOTIONEERING™ is Kollmorgen's latest Windows™ - based systems sizing program. It provides a comprehensive method for the sizing of motor and drive components for a wide variety of applications. The program takes an advanced system's approach to the specific selection of motors, amplifiers and power supplies.

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KOLLMORGEN

SERVOSTAR™ S-Series

- ***A compact, easy-to-use digital amplifier with integrated power supply for many types of brushless servomotors***
- ***Simple installation and set-up with "MOTIONLINK® for SERVOSTAR" software to have you up and running fast***
- ***Selectable tuning algorithms provide maximum flexibility for superior system performance***

A universe of motion control solutions

You know how your machine should work. After all, it's your design. And, motion control is a big part of it in terms of performance. SERVO**STAR** is different. Easy to specify, install and operate, it lets you concentrate on design solutions instead of struggling with system configurations.

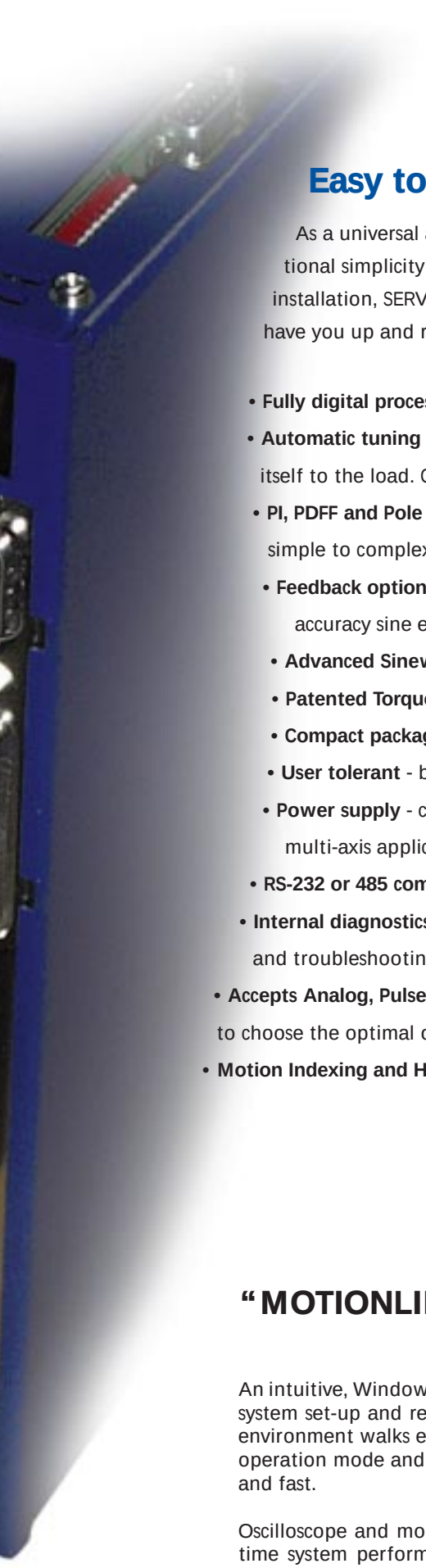
With SERVO**STAR** you can meet or exceed your machine performance and cost expectations by specifying the most efficient motor and drive combination. SERVO**STAR** creates greater throughput for higher productivity and operational efficiency. Precision low speed control adds ultra-smooth performance, which translates directly into better finishes.

To complement SERVO**STAR**, Kollmorgen offers the world's broadest range of precision servomotor products to help you maximize overall speed, accuracy and reliability, while virtually eliminating interoperability problems. Together, you get universal motion control solutions that feature Kollmorgen's renowned quality, global service and experienced support. A combination that promises better performance at a lower cost. That's what value is all about. Optimize the performance of your motion control system with SERVO**STAR** and Kollmorgen's complete family of precision, brushless servomotor products.



Kollmorgen SERVOSTAR™ S-Series Digital Amplifier

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Easy to use features for fine-tuned performance

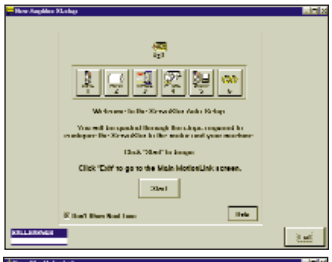
As a universal amplifier solution, SERVO**STAR** is a unique combination of technology and operational simplicity that offers outstanding value in a space-saving package. Engineered for ease of installation, SERVO**STAR**'s pluggable connectors, interface options and communications flexibility will have you up and running fast.

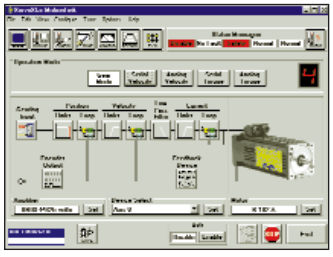
- **Fully digital processing** - for exceptional speed control, torque control and long term reliability
- **Automatic tuning** - simply set set the desired bandwidth and SERVO**STAR** will automatically tune itself to the load. Configuration can be downloaded to other drives
- **PI, PDFF and Pole Placement digital control loop options** - provide the ultimate flexibility for simple to complex control tuning requirements
- **Feedback options** - choose between rugged resolver, digital encoder or high accuracy sine encoder
- **Advanced Sinewave Commutation technology** - precise low speed control reduces torque ripple
- **Patented Torque Angle Control** - increases torque and speed to enhance motor performance
- **Compact package** - rugged, spacesaving metal enclosure provides protection against ESD and EMI
- **User tolerant** - built in protection from overvolts, undervolts, overcurrent and overtemperature
- **Power supply** - can be shared by up to four SERVO**STAR** amplifiers for space and cost savings in multi-axis applications or up to six axis with PA-LM logic only module
- **RS-232 or 485 communications** - unique multi-drop RS-232 or highly rugged RS-485
- **Internal diagnostics** - to detect and identify system inconsistencies for quick analysis and troubleshooting
- **Accepts Analog, Pulse Direction, or Encoder Master Command** - multiple methods allow user to choose the optimal one for the application
- **Motion Indexing and Homing** - Store motion profiles in memory

"MOTIONLINK® for SERVOSTAR"
PC Software

An intuitive, Windows™- based user interface for quick "out-of-the-box" system set-up and real-time monitoring, the MOTIONLINK auto set-up environment walks even the first time user through line voltage, motor, operation mode and load tuning to make system configuration friendly and fast.

Oscilloscope and monitor functions allow you to graphically view real-time system performance data. For advanced users, MOTIONLINK lets you adjust individual parameters to customize system performance to your unique requirements.





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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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