SERVODRIVES AND SERVOMOTORS

PRODUCT OVERVIEW
MOOG PRODUCT RANGE

Moog is a world leader in providing high-performance motion control solutions for key industrial applications. Our teams of experts work collaboratively with customers to overcome technical challenges and move their ideas forward. Moog designs and manufactures products including servo valves, proportional valves, pumps, hydraulic manifold systems, servomotors and drives, motion controllers and electronics, and electromechanical actuators.

MOOG SUPPORT

Moog support services are as flexible as our motion control solutions. Our international network of expert service technicians are on call for Moog Authentic Repair® services and support including troubleshooting, on-site installation, and ongoing maintenance. Whatever it takes to give you personal, expert support and help you get the most from your equipment investment.
Moog servodrives and servomotors offer high dynamics, unsurpassed reliability, and smooth operation at all speeds for applications that require a new level of machine performance.

Designed to meet the needs of performance-driven engineers across a variety of industries, Moog digital single- and multiaxis servodrives and brushless servomotors combine innovative technologies with functionality suited to next-generation machine design. Moog expertise and close collaboration with customers worldwide ensure solutions that meet today’s toughest machine challenges.

All Moog servodrives and servomotors offer flexibility and simple installation and wiring. Motors and drives are engineered for optimal performance when used in tandem.

Key markets include plastics, test and simulation, metal forming, and power generation, among others.
ADVANTAGES INCLUDE:

- Highest dynamics, power density, and reliability
- Superior servo performance
- Broad product range and flexibility to customize
- Compact lightweight construction to simplify machine design
- Proprietary, low-cogging design for smooth low speed operation
- Designed and manufactured using rugged components and materials

FASTACT G
AC servomotor (synchronous)
low moment of inertia, high dynamics, high power density

FASTACT T
AC servomotor (synchronous)
large selection of models

FASTACT F
AC servomotor (synchronous)
high continuous power with an integral fan

FASTACT W
AC servomotor (synchronous)
very high power density with liquid cooling

EXPLOSION-PROOF
ATEX and CE certified

ADVANTAGES INCLUDE:

- High control-loop bandwidth
- Wide power range to suit multiple applications
- Flexibility to meet application-specific needs
- Superior motion control for higher performance
- Motion control programming across multiple standards
- Safety functionality

MODULAR MULTIAXIS PROGRAMMABLE MOTION CONTROL SERVODRIVE (MSD)

- Full digital servodrive with power supply
- Single- or multiaxis applications
- Matching motion controller available
- Multiple cooling options
- Support of multiple encoders including customer-specific
- Multiple high-speed fieldbus interfaces with synchronization between the axes better than 0.1 µs
- Advanced anti-cogging and encoder error compensation for highest speed performance
- Safety functionality according to EN954-1 Cat 3
- Automatic setup and system commissioning functionality
- Support of permanent magnet synchronous motors, linear motors, torque motors, and asynchronous motors

DS2000

- Full digital servodrive with power supply
- Stand-alone, single axis

The products described herein are subject to change without notice.
In case of doubt, please contact Moog.
Moog has offices around the world. For more information or the office nearest you, visit moog.com/industrial/globallocator.

Europe: +49-7031-622-0
Pacific: +81-463-55-3615

© 2008 Moog Industrial

Moog is a registered trademark of Moog, Inc. and its subsidiaries. All trademarks as indicated herein are the property of Moog, Inc. and its subsidiaries. All rights reserved. For legal notices, see moog.com/disclaimers.

www.moog.com/industrial