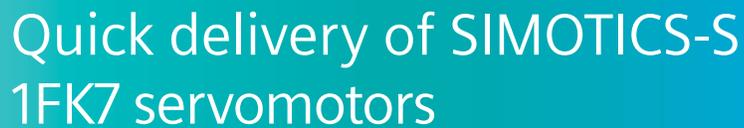




SIEMENS
Ingenuity for life



Quick delivery of SIMOTICS-S 1FK7 servomotors

usa.siemens.com/simotics-s

Get to market faster—now offering SIMOTICS-S 1FK7 second generation servomotors in four weeks or less

From order to your door — innovative motion control

The Siemens name is synonymous with quality and quality should not mean long lead times for our motor customers located in the United States. Under this new program, customers can order 1FK7 servomotors with their desired options and rest easy that the order will be delivered in four weeks or less.

How does the program work?

Use the configurable option menu in Industry Mall or work with your Siemens customer service representative to build the exact motor you require. This program offers you over 100,000 possible motor combinations.*

Options include stall torque, RPM rating, encoder style and bit resolution, holding brake, shaft style, IP rating, AC line supply voltage and electronic name plate recognition using encoder systems with DRIVE-CLiQ interface. Siemens Industry, Inc. will deliver any Compact (CT), High Dynamic (HD) or High Inertia (HI) 1FK7 catalog-type servomotor without gear options in any quantity within four weeks after order acknowledgement.

**This promotion applies to 1FK7 drop-shipped motor orders, and not packaged orders including 1FK7 motors (ship-complete). For more information about 1FK7 servomotors, please reference any of the following catalogs: D21.4 (2017), PM21 (2013) and NC62 (2016).*

Why does the program work for you, our customer?

As leaders in motion control, Siemens strives to provide the highest value to its customers by helping them get to market faster. Through this servomotor program, this can easily be achieved — Siemens stocks its SINAMICS S-series drive systems and SIMOTION motion controllers in the United States, which allows you to have a complete motion control system in four weeks or less.





Why choose Siemens?

SIMOTICS-S 1FK7 servomotors are the ideal choice for motion control applications where a final position must be reached very quickly and with great precision. Thanks to their high torque density and low moment of inertia, your productivity can be significantly increased with shorter machining cycles. Process and product quality are also improved through the use of 1FK7 servomotors. Their extremely accurate encoder systems allow high-precision interpolation, camming and point-to-point positioning. Also, 1FK7 servomotors are highly reliable.

With over four million servomotors installed around the world, Siemens provides you with excellent technology that is competitively priced with very short lead times.

Typical applications include

- Machines with fast motion control movements such as packaging machines (form fill and seal machines or stackers)
- Axes that require high positioning or path accuracy such as CNC-equipped machine tools (feeding axis in CNC machines)
- Highly repeatable positioning such as wood processing (stopper and revolver adjustments)
- Maximum acceleration / deceleration control for material handling (pick-and-place machines)
- Applications with highly accurate and coordinated speed control including converting (winders and un-winders)
- Applications in rugged environments such as metal forming (transfer lines)

Features and benefits of the 1FK7 servomotor

- The 1FK7 Compact (CT) design offers shorter lengths while providing outstanding torque density at a medium inertia. This style is the most ideal for space-restricted applications.
- 1FK7 High Dynamic (HD) servomotors provide outstanding acceleration and deceleration capabilities. It is the best solution for applications that require a high dynamic response with a low- to medium-load inertia.
- 1FK7 High Inertia (HI) servomotors provide a larger rotor inertia. It is the best solution for applications that have a high load inertia.
- Many motor feedback options including encoders and resolvers with various degrees of resolution
- Shock- and vibration-protected encoders for increased life expectancy
- Field-exchangeable encoders can be replaced in less than five minutes, thus eliminating machine downtime.
- 270 degree rotatable connectors with SPEED-CONNECT bayonet locks for easy installation
- DRIVE-CLiQ technology makes the motor an intelligent plug-and-play device while shortening installation and engineering time.

Available options

- Absolute multi-turn, absolute single-turn, or resolver from 14- to 24-bit resolution (DRIVE-CLiQ)
- Absolute multi-turn, incremental, or resolver (without DRIVE-CLiQ)
- Holding brake with permanent magnet, zero backlash
- Plain or keyed shaft
- IP64, IP65 or IP67 (at flange)
- Electronic name plate recognition with DRIVE-CLiQ
- Eighteen different paint finishes to choose from
- Ratings for 230, 400 or 480V AC 3-phase line supply

Want more information?

Point your web browser to: usa.siemens.com/simotics-s or you can write to us: mcs.motors.industry@siemens.com

Published by
Siemens Industry, Inc.

5300 Triangle Parkway
Norcross, GA 30092

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usa.siemens.com/motioncontrol

Order No. MOFL-1FK2G-1017

Printed in USA

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