1FG1508-9RE34-2FJ2-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fg1508-9re34-2fj2-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	600V
Maximum Torque	35 Nm
Encoder Type	Absolute encoder (20-bit single-turn) with DRIVE-CLiQ interface
Mounting Position	M1-A
Oil Type	CLP ISO VG220
Connector Position	Bottom
Color	RAL 9005 jet black

Description

The Siemens 1FG1508-9RE34-2FJ2-Z is a SIMOTICS S-1FG1 synchronous servo geared motor featuring a bevel gearbox K79 and motor type CT. Designed for 600V operation, it offers a maximum torque (Mmax) of 35 Nm.

The motor is equipped with an absolute encoder (20-bit single-turn) with a DRIVE-CLiQ interface, ensuring precise position feedback. Its foot-mounted design facilitates easy integration into various industrial applications.

The transmission ratio is 137.35, with a maximum input speed (N1max) of 4500 rpm and a maximum output speed (N2max) of 33 rpm. The motor's maximum output torque (M2max) is 840 Nm. Additional features include a mounting position M1-A, oil type CLP ISO VG220, and a connector position at the bottom.

The motor is painted in RAL 9005 jet black, and the rating plate includes customer-specific specifications.

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