

SEW-EURODRIVE

Flange-mounted Helical Gearmotor — RF57 / DRN90L4

Product Description: This product is a SEW-EURODRIVE flange-mounted helical gearmotor designed for high mechanical efficiency, reliable coaxial power transmission, and direct flange mounting in industrial automation and conveyor systems. Key details to verify before ordering include the gear ratio (i), output speed, flange diameter, motor rated power (1.5 kW standard), and mounting position (e.g., M1–M6).

General Specifications

Manufacturer	SEW-EURODRIVE
Gear Unit Type	RF57 (Flange-mounted Helical Gear Unit)
Motor Type	DRN90L4 (IE3 Premium Efficiency)
Output Type	Solid Shaft with Flange
Mounting Type	Flange-mounted
Product Type	Helical Gearmotor
Product Status	Standard Production

Technical Specifications

Motor Power	1.5 kW
Motor Speed	1450 rpm (at 50 Hz)
Supply Voltage	230 / 400 V AC
Frequency	50 Hz
Efficiency Class	IE3 (Premium Efficiency)
Number of Poles	4-Pole
Enclosure Rating	IP55 / IP65 (Standard Industrial)
Thermal Class	155 (F)

Design & Mounting Options

Shaft Execution	Solid shaft with keyway and flange
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Mounting Position	M1 / M2 / M3 / M4 / M5 / M6 (Customer specific)
Housing Material	Cast Iron