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FANUC DC SERVO MOTOR – REFERENCE SHEET

Part Number: A06B■0642■B013■R

Manufacturer Identification

Manufacturer: FANUC
Motor Type: DC Servo Motor
Motor Model: 5M
Source of Identification: FANUC America Corporation factory packaging label identifying the unit as "A06B■0642■B013■R – DC MOTOR 5M – 3000 P/R".

Electrical Specifications

Rated Voltage	151 VDC
Rated Current	9 A
Rated Torque	5.9 Nm
Rated Speed	2000 RPM

Feedback / Encoder

Incremental encoder with 3000 pulses per revolution (P/R).

Mechanical Characteristics

Flange mount with tapered keyed shaft (TPR). FANUC Model 5M motor frame.

Suffix Description

The “■R” suffix denotes a FANUC revision or production variant. No change to electrical or mechanical ratings unless explicitly specified by FANUC.

Compliance / Export Note

Commercial industrial CNC servo motor. Not ITAR■controlled. Typically classified as EAR99.

Summary Statement

FANUC A06B■0642■B013■R is a DC servo motor, Model 5M, rated at 151 VDC, 9 A, 5.9 Nm, equipped with a 3000■pulse incremental encoder, as confirmed by FANUC America Corporation factory labeling.

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