



"The Right Control
 For Your Application"

DC MOTOR SPEED CONTROL ENGINEERING INQUIRY FORM (EIF)

Company _____ Date _____
 Address _____ Prepared By _____
 _____ Phone _____
 City _____ State _____ Zip _____ Fax _____
 Contact _____ E-Mail _____

This form has been prepared to assist you in supplying us with the basic information required to select a motor control for your application. The performance of the selected control will depend on the completeness of the information supplied. Most applications will require a motor sample for proper matching of control and motor.

1. Product Information:

New Product: Yes No
 Current Drive Supplier: _____
 Estimated Vol/Yr: _____
 Description of Machine: _____

2. Required Performance:

Speed Range: _____ (% or RPM)
 Type of Load: Fan Pump
 Tension Friction Inertia
 Overhauling: Yes No
 Desired Load Regulation _____ (%) Base Speed
 Load Variation:
 A. Almost Constant Load
 B. Moderate Load Regulation
 C. Load Varies from Almost Zero to Full

3. Motor Information:

Manufacturer: _____
 Model Number: _____
 PM Shunt Wound DC AC/DC
 Volts: Arm _____ Field _____
 DC Amps (full load) _____ HP(KW) _____
 Base Speed _____

4. Control Requirements:

Space Availability (L x W x H) _____ Ambient Temp _____ Current / Voltage Following: Yes No
 Built-in Pot: Yes No Remote Pot: Yes No Jogging: Yes No Jog Speed _____
 Dynamic Braking: Yes No Regenerative Braking: Yes No Brake Reversing: Yes No
 Reversing: Yes No Instant: Yes No On/Off Line Switch: Yes No 3-Wire Start Stop: Yes No
 UL cUR (CSA) CE Other _____
 RFI Suppression (KBRF): Yes No Overload Protection: Yes No Signal Isolator: Yes No
 Line Transformer: Yes No 460/230VAC 230/115VAC VA Rating: _____
 Connections: Wire Leads QD Terminals Screw Terminals Barrier Terminal Board
 Hardware Required: Knob: Yes No Dial Plate: Yes No Fuses: Line Armature
 Enclosure Required: Nema 1 (IP 40) Nema 4 (IP 65) Chassis (IP 20)
 Input Voltage VAC: 115 230

5. Comments: Please provide whatever additional comments you may have to help us match our control to your application.

