KB ELECTRONICS ● 12095 NW 39th Street, Coral Springs, Florida 33065 USA
(954) 346-4900 ● FAX (954) 346-3377 ● E-Mail: info@kbelectronics.com
www.kbelectronics.com

"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 ☐ Intertia ☐
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 Supression (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.