



"The Right Control  
 For Your Application"

### AC DRIVE 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: \_\_\_\_\_  
 Type of Load: Friction  Tension  Pump   
 Air Moving  Inertial  Overhauling

**2. Required Performance:**

Speed Range: \_\_\_\_\_ (% or RPM)  
 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: \_\_\_\_\_  
 Type: 3-Phase Inverter Duty  TENV  TEFC   
 230 VAC  Other   
 Frequency: 50 Hz  60 Hz  50/60 Hz   
 HP (KW) \_\_\_\_\_ Full Load Amps: \_\_\_\_\_  
 Base Speed (RPM): \_\_\_\_\_ Gear Box Ratio: \_\_\_\_\_  
 Service Factor: \_\_\_\_\_ Frame: \_\_\_\_\_  
 Distance between Motor and the Drive: \_\_\_\_\_

**4. Control Setup:**

Frequency: 60 Hz  50 Hz  120 Hz   
 Start: Automatic  Manual   
 Input AC Line Voltage: 230  115  460   
 Boost: Fixed  Adjustable   
 3-Wire Start/Stop  Auto Manual  
**5. Communication:** Modbus: Yes  No   
 Safe Torque Off: Yes  No   
 Baud Rate: 9.6K  19.2K  38.4K   
 Loss of Communication Default:  
 Stop  Stay at Last Command   
 Other: \_\_\_\_\_

**6. Control Requirements:**

How used:  Occasionally  Single Shift  Double Shift  Powered on 24/7  
 Space Availability (L x W x H) \_\_\_\_\_ Ambient Temperature: \_\_\_\_\_  
 Jogging: Yes  No  Jog Speed: \_\_\_\_\_  
 Braking: Yes  No  Reversing: Yes  No  Main Speed Pot: Yes  No  Voltage Following: Yes  No   
 UL  cUR (CSA)  CE  Other   
 RFI Suppression: Yes  No  3 Phase Choke  Line Choke   
 AC Line Transformer: Yes  No  460/230 VAC  230/115 VAC  VA Rating: \_\_\_\_\_  
 Signal Isolator: Yes  No   
 Hardware Required: Knob: Yes  No  Dial Plate: Yes  No  Harness Length: \_\_\_\_\_  
 Enclosure Required: NEMA 4X (IP65)  Chassis (IP20)  NEMA 1 (IP50)   
 GFCI: Yes  No

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