

# CUSTOM MOTOR REQUEST

Fax/Email completed form with images/drawings to: 847-524-9996 or support@elektrimmotors.com



## CONTACT INFORMATION

COMPANY NAME: \_\_\_\_\_  
 \_\_\_\_\_  
 CONTACT NAME: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 FAX: \_\_\_\_\_  
 EMAIL: \_\_\_\_\_

Comments / Special Considerations:

## PROJECT OVERVIEW

PROJECT NAME: \_\_\_\_\_  
 DATE: \_\_\_\_\_ NEEDED BY: \_\_\_\_\_  
 QTY: \_\_\_\_\_ TARGET PRICE: \_\_\_\_\_  
 REOCCURRENCE:  One-Time Order  Repeat \_\_\_\_\_  
 MOTORS ARE FOR:  New Motor Installation  Replace Existing Motor(s)  
 IF REPLACEMENT, ORIGINAL MANUFACTURER: \_\_\_\_\_  
 Attach Drawing(s):  Attached  Not Available  
 Attach Picture(s):  Nameplate  Replacement Motor  
**Include as much of the information requested as possible. Missing and/or incomplete information will extend custom motor quote turn-around time.**

| APPLICATION            |  |
|------------------------|--|
| TYPE OF DRIVEN MACHINE |  |
| STARTING METHOD        | <input type="checkbox"/> D.O.L <input type="checkbox"/> PART WINDING <input type="checkbox"/> STAR DELTA<br><input type="checkbox"/> OTHER |
| HUMIDITY               | _____ %  |
| LOCATION               |  |
| AMBIENT TEMPERATURE    |  |

| GENERAL               |  |
|-----------------------|--|
| FRAME / TYPE          |  |
| HORSEPOWER            |  |
| VOLTAGE               |  |
| Hz                    |  |
| RPM                   |  |
| STANDARDS             | <input type="checkbox"/> NEMA <input type="checkbox"/> IEC<br><input type="checkbox"/> OTHER:  |
| ENCLOSURE             | <input type="checkbox"/> TEFC <input type="checkbox"/> TENV <input type="checkbox"/> ODP<br><input type="checkbox"/> OTHER:  |
| MOUNTING              | <input type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> B35<br><input type="checkbox"/> V1 <input type="checkbox"/> V3 <input type="checkbox"/> V5<br><input type="checkbox"/> OTHER: |
| TERMINAL BOX LOCATION | <input type="checkbox"/> F1 <input type="checkbox"/> F2 <input type="checkbox"/> F3<br><input type="checkbox"/> OTHER:   |
| INSULATION CLASS      |  |
| TEMPERATURE RISE      | _____ °C at Full Load  |

| MOTOR DATA      |   |
|-----------------|---|
| CURRENT         | No Load   |
|                 | Full Load   |
|                 | Locked Rotor  |
| POWER FACTOR    | _____ %   |
| EFFICIENCY      | _____ %   |
| NOISE LEVEL     | _____ dB(A)   |
| VIBRATION LEVEL |   |
| TORQUE          | Full Load   |
|                 | Locked Rotor  |
|                 | Breakdown   |
| COOLING         | <input type="checkbox"/> Fan Cooling                        |
|                 | <input type="checkbox"/> Non-Ventilation                    |
|                 | <input type="checkbox"/> Placed in Air Stream of Driven Fan |
|                 | <input type="checkbox"/> Forced Ventilation                 |
|                 | <input type="checkbox"/> Water Cooling                      |
| SPACE HEATER    |   |
| THERMAL SENSOR  |   |
| PAINT / COLOR   |   |

| DRIVE TYPE     |  |
|----------------|--|
| COUPLING DRIVE | Type of Coupling:                                |
|                | Axial Force $F_A$ = _____ N                      |
|                | Down-thrust:                                     |
|                | Up-thrust:                                       |
| BELT DRIVE     | Pulley Diameter (motor) = _____ in               |
|                | Pulley Width (motor) = _____ in                  |
|                | Radial Force $F_R$ = _____ N                     |
|                | Point where applied from shaft collar = _____ in |