

General Information

Quick Application Specifiers Data Form

Industry (automotive, food and beverage, etc.): _____

Equipment Application (fan, conveyor, etc.): _____

General

Load Conditions

Torque Characteristics: _____ Constant Torque _____ Variable Torque _____ Constant Horsepower

Starting Torque: _____ lb/ft Maximum Torque: _____ lb/ft Inertia: _____ Wk²

Other: _____

Speed Conditions

_____ Speed Range _____ Speed Accuracy

Environment

Ambient Temperature: _____ to _____ °C Humidity: _____ % Altitude: _____ ft

Special Conditions (dust, oil, vibration, etc.): _____

Motor Specifications

Existing: _____ Est. Year of Mfg.: _____ New: _____

Type (NEMA, A, B, C, D, Sync): _____

Rating: _____ hp _____ rpm _____ Phase _____ Connection _____ Hz _____ Volts _____ Amps

Insulation Class: _____ S.F.: _____ Max. Freq.: _____ Hz Speed Range (rpm): _____ to _____

Time Rating: _____ %ED (Cont.) No. of Motors Per Drive: _____ Tachometer (Y/N): _____ Type: _____

Cable run distance from drive: _____

Operation speed range: _____

Drive Specifications

Input: _____ Volts _____ Hz _____ Phase _____ kVa or Isc (ex. source transformer size)

Output: _____ hp _____ Full Load Current

Starting Torque: _____ (% of rated torque) Acceleration Time: _____ Deceleration Time: _____

Motor Control Conditions: Reversing: _____ Non-Reversing: _____ Jogging (Frequency: _____ Hz)

Drive Enclosure: NEMA 1: _____ Bypass: _____ (Y/N) AC Line Reactor (input): _____ (Y/N) Dynamic Braking: _____ (Y/N)

Total Operating Time: _____ s on _____ s off Type (dynamic resistors or ac line generation): _____

Note: Deceleration time and load inertia are critical in the selection of the braking components.

