



Vertical Electric Motor Quick Application Data Sheet

Successful motor operation, performance, and life is critically dependent on understanding all application and environmental conditions. The information below is a basic starting point and depending on data provided follow-up questions may occur.

* Fields in red must be completed before submitting.

Customer*	
Contact*	
Phone/Email*	
Application*	Please describe in detail what motor is expected to do and machinery its operating?
Quantity*	
Opportunity Description	Please frame the opportunity: Budget for next year, replace failed unit, repair vs replace exercise, new installation, timing, spare, etc.?
Existing Motor Brand, Model and Serial Number	Existing motor data sheet, drawings or your company specification requirements.
Application Failure History	

MAIN INFORMATION

Maximum Ambient Temperature _____ °C (40°C is standard)

Elevation _____ ft. (3300 ft. is standard)

NEMA Design*

A C
B Other: _____

Power Rating*

_____ HP kW

Service Factor*

1.00 1.15 Other: _____

Synchronous or Full Load Speed*

_____ RPM

Enclosure*

WPI WPII TEFC
TEFC Severe Duty Explosion Proof

Hazardous location info: _____

Nameplate Voltage/Ph/Hz Rating*

_____ Volts _____ Phase _____ Hertz

Power Source

Sine Wave Soft Starter VFD
Other: _____

Connection

Part Winding Start WYE-start Delta-run WYE
Other: _____

APPLICATION INFORMATION

Load Type

VT: Variable Torque CHP: Constant Horse Power

CT: Constant Torque Other:

Attach Speed Torque Curve if available: _____

Load Inertia

_____ lb-ft² at the motor shaft

Load Connection

Direct Drive Belt Drive (Complete Data Sheet)

Shaft Type*

Vertical Solid Shaft Vertical Hollow Shaft

Thrust Class*

Normal Inline High

Extra High (indicate % below)

Thrust Load (lbs)

Max. Continuous downthrust _____ Max. Continuous upthrust _____

Max. Momentary upthrust _____ Min. Operating downthrust _____

P-Base Diameter*

_____ inches

Top Coupling

Non-reverse Self-release Bolted None

Bore (BX) _____ inches

Keyway (EW) _____ inches

CD Height _____ inches

ACCESSORIES

Bearing Protection

Thrust Brg. Only All Brgs

RTD _____ Ohms

Thermocouple type _____

Insulate Bearing

Shaft Grouding Ring (lower bearing only) Yes No

Stabilizer (steady) Bushing (VHS only) Yes No

Winding Protection

RTD _____ Ohms Quantity _____

Thermocouple Type _____ Quantity _____

Thermistor Relay Voltage _____ Volts Quantity _____

Thermostat Normally Open Normally Closed

Quantity _____

Space Heater

Standard Thermostatically Controlled

Relay Voltage _____ Volts

Additional Nameplate Requirements

Specify: _____

Paint

Epoxy Modified Polyester 3-part Carboline Polyurethane

Other: _____

Standard Color Special Color

Color: _____

Please send completed Application Data Form to contact@email.geim.wolong.com



GE INDUSTRIAL MOTORS
a **WOLONG** company

+1 (888) 525-2915 • www.gemotorswolong.com