



APPLICATION DATA SHEET

Bison Gear & Engineering Corp.

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Date: _____

Proto/Quote # _____

PO#: _____

Customer: _____

Price: _____

AE: _____ Quote _____

Quantity: _____

Rep: _____ Prototype _____

Reg: _____ SIC _____

BILL TO

Co. Name: _____

Address: _____

Contact: _____

PO#: _____

SHIP TO

Co. Name: _____

Address: _____

Attn: _____

Ship via: _____

ENGINEERING & PURCHASING CONTACT

Engr Contact: _____

Engr Phone: _____

Engr Email: _____

Purch Contact: _____

Purch Phone: _____

Purch Email: _____

Customer p/n: _____

Project Name: _____

Application Description: _____

Annual Usage: _____

Target Price: _____

Quote Quantities: _____

Notes: _____

IP Rating: _____

Notes: _____

Safety Agency Data:

____UL ____CE ____CSA ____CUL

Same as previously supplied:

AC SUPPLY

__1-phase __3-phase __Inverter duty

Voltage: High: _____ Low: _____

Rated voltage: _____

Frequency Range: _____

Inverter Mfg: _____

Inverter p/n: _____

Notes: _____

DC SUPPLY

Voltage: High: _____ Low: _____

Rated voltage: _____

Form factor: _____

Supply Mfg: _____

Supply p/n: _____

Current limit: _____

Notes: _____

STEPPER/BLDC SUPPLY

Rated voltage: _____

Pulse rate Hi: _____

Pulse rate Lo: _____

Driver Mfg: _____

Driver p/n: _____

Notes: _____

Comments:

Gearbox: Right Angle Parallel Shaft Other

Series: _____ Custom: _____ Ratio: _____ Rotation: _____

Output Speed N/L: _____ F/L: _____ @ _____ in. lbs running torque.

Load Description: _____

Torque determined by: Estimate Test Competitor Motor Machine requirements

Min start torque: _____ in. lbs. @ _____ volts Min breakdown torque: _____ in. lbs. @ _____ volts

Load type: Shock Gradually Applied Constant Cyclic Intermittent Loading.

Duty Cycle Constant Intermittent; describe cycle: _____

Overhung load description: _____

O.H.L.: _____ in. lbs. _____ inches from end of o/p shaft @ _____ O'clock direction while facing o/p shaft.

O/P Shaft Sketch (if required)

Construction: TENV TEFC ODP Other: _____

O/P shaft diameter _____ length _____ key or flat description: _____

Mounted Horizontal Vertical Other: _____

Shaft Material: _____

Special Lube: _____

Special Paint: _____

Special Environment: _____

Life Requirements:

Hours _____ Cycle; describe: _____

Overall length max: _____ Gearmotor width max: _____

Gearmotor weight max: _____ Ambient temperature: _____

Vibration: _____

Notes:

