



Contact: _____ Company: _____
 Telephone: _____ Email: _____
 Fax: _____ Date: _____
 Project Name: _____ Application: _____
 Qty: _____ Type: **SK** _____

Gearbox Parameters

Unit
 Gearmotor Gearbox with Motor Adapter
 Gearbox with Solid Input Shaft Motor Only

Mounting Position
 M1 M4
 M2 M5
 M3 M6
 Special _____

Lubricant
 Standard
 Synthetic
 Food Grade
 Other _____

Shaft
 Solid Shaft, Diameter _____ inch mm
 Shaft Location (For Bevel & Worm only)
 Shaft Side A
 Shaft Side B
 Shaft Side A & B
 Hollow Shaft, Diameter _____ inch mm

Flange
 None
 B14
 B5 Outside Diameter _____ [mm]

Ratio _____ : 1 or Output Speed _____ [rpm]
 Output Torque _____ [lb-in] or Power _____ [hp]
 Minimum Service Factor [f_s] _____ [lb]
 Radial Load at Output Shaft [F_o] _____ [lb]
 Axial Load at Output Shaft [F_a] _____ [lb]
 Distance from Shaft Shoulder [x] _____ [in]
 Minimum Required Bearing Lifetime Lh10 _____ [hours]

Bearing Type
 Standard VL2
 VL - Heavy Duty VL3
 AL - Axial/Thrust VL4

Environmental Parameters

Ambient Temperature Range _____ °F to _____ °F

Location of Unit
 Indoor
 Outdoor
 Severe Environment

Paint
 Standard Stainless Steel Paint
 Casting Primed
 Special _____

Motor Parameters

Power _____ [hp]

Voltage & Frequency
 230/460V-60Hz (460V only ≥ 40 hp)
 575V-60Hz
 208V-60Hz
 400V-50Hz
 115/230V-60Hz, 1 ph.
 Other _____

Enclosure
 IP55 (Standard)
 IP66

Insulation Class
 F (Standard)
 H

Duty
 S-1 Continuous Operation
 Periodic/Short Time Operation

Cycles Per Hour _____ cycles/hour

Terminal Box Position
 TB1
 TB2
 TB3
 TB4

Conduit Entry Location
 CE I *
 CE II
 CE III *
 CE IV
 * Brakemotor

Brake Parameters

Brake
 No Brake (continue to next section)
 Holding Brake/Emergency Brake
 Working Brake

Brake Supply
 Line power from motor terminal block
 Separate Power Source

Brake AC Supply _____ [Volts]
 Brake Torque _____ [Nm]

Brake Release
 Standard
 Fast

Brake Stopping
 Standard
 Fast
 Very Fast

Frequency Inverter Parameters

Frequency Inverter
 No Frequency Inverter
 Customer Supplied Inverter
 NORD Panel Mounted Frequency Inverter
 NORD Motor Mounted Frequency Inverter

Line Voltage: _____ [Volts] Frequency _____ [Hz]
 Operating Frequency Range: _____ [Hz] to _____ [Hz]

How is the Inverter Controlled?
 PC
 Operator Control
 Other

Bus System?
 None InterBus
 Profibus CANopen
 CANBus RS232
 AS Interface

Are You Using an Encoder?
 No Position Feedback
 Yes Speed Control