



Power Transmission Solutions
 Regal Beloit America, Inc.
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 Florence, KY 41042
 Application Engineering: 800 626 2093
regalbeloit.com/products/gearing

FORM
MB0103E
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Application Data Sheet, Geardrives and Speed Reducers

⚠ WARNING

- Read and follow all instructions carefully. Failure to do so could result in serious personal injury or death.
- Disconnect and lock out power before installation and maintenance. Working on or near energized equipment can result in severe injury or death.
- Do not operate equipment without guards in place. Exposed equipment can result in severe injury or death.

⚠ CAUTION

- Failure to perform proper maintenance can result in minor or moderate personal injury and/or premature product failure.

Please send completed form to ApplicationEngineering.PTSolutions@regalbeloit.com.

Account # _____ Date _____
 Customer Name _____
 Address _____
 Industry/Type of Business _____

CONTACTS

Contact's Name _____
 Contact's Position _____
 Telephone _____
 Fax _____
 Email _____

SALES DATA

Usage _____ Per _____
 Required Delivery _____
 Project Reference _____
 Competitor Information _____
 Target Price _____

APPLICATION DATA

New Application? _____ Input HP _____
 Drive Machine Description _____
 Required Output Torque (in-lbs) _____ at _____ RPM Input/Output (circle one)
 Shock Loads _____ Heavy _____ Moderate _____ Uniform _____
 Duty Cycle _____ Over 10 hrs/day _____ 3-10 hrs/day _____ Less than 3 hrs/day _____
 Comments on Shock Loads and Service _____
 Ambient Temperature Range _____
 Indoor _____ Outdoor _____ Sun Exposed _____ Altitude Above Seal Level _____
 Unusual Conditions? (Reversing, Braking, Abrasive Dust Present) _____

PRIME MOVER

AC Motor _____ Motor HP _____ Motor Base Speed _____
 DC Motor _____ Motor Frame _____ Minimum Speed _____
 Hydraulic _____ Maximum Speed _____
 Other _____

Please attach additional sketches as required



Required Service Factor _____ Ratio Required _____ Ratio Tolerance _____

Parallel Shaft _____ Single Input Shaft _____ Double Input Shaft _____

Right Angle _____ Single Output Shaft _____ Double Output Shaft _____

Concentric or In-Line _____

Horizontal _____ Wall Mount _____

Vertical _____ Low Speed Up _____ Low Speed Down _____

Inclined _____ Input Up (degrees) _____ Low Speed Up (degrees) _____

Rotation of High Speed Shaft (viewed facing high speed shaft side) _____ CCW _____ CW

Rotation of Low Speed Shaft (viewed facing low speed shaft side) _____ CCW _____ CW

Comments Including Special Dimensions _____

HIGH SPEED SHAFT CONNECTION

Input Type (solid shaft, quill, etc..) _____ Motor frame size _____

Coupling Size and Type _____

V-Belt Drive: Sheave Sizes & Type _____

Thrust _____ Direction: In _____ Out _____

Additional High Speed Shaft Overhung Load _____ Location from Housing _____

LOW SPEED SHAFT CONNECTION

Output Shaft Type (solid or hollow) _____ Output bore size _____

Coupling Size and Type, Include Driven Shaft Diameter _____

Pinion: Pitch Diameter, Teeth, Face Width, Helix Angle, Pressure Angle _____

Sprocket: Teeth, Pitch Diameter _____

Thrust _____ Direction: In _____ Out _____

Additional High Speed Shaft Overhung Load _____ Location from Housing _____

ACCESSORIES:

1 Fan	2 Fan	Cooling Coils	Heat Exchanger	Immersion Heaters	Shaft Pump	Electric Fan	Bushing Kit	Side Mounting Flange	Other _____
Oil Level Gauges	Motor Scoop	Motor Bedplate	Top Motor Mount	C/D Face Motor Mount	Oil Temp Gauges	Drain Valve	Torque Arm Kit	Belt Guard	
Special Paint	Epoxy Paint	Export Packing	Input Cplg Guard	Output Cplg Guard	Long Term Storage	Mounting Base	Shaft Cover(s)	CEMA Adapter & Shaft	

Items Supplied by and Mounted by Regal _____

Items Supplied by Customer and Mounted by Regal _____

Please attach additional sketches as required