



Application Design Data Sheet

1301 Prince Hall Dr. Beloit WI 53511-4439 USA Ph (608) 368-5600 Fax (608) 368-5605

Items marked with **must** be completed before Engineering can proceed with the order.

Customer Contact: _____ Cotta SO # _____ Date _____
Company _____ Phone _____ Fax _____
Address _____
Application _____

Prime Mover / Input

Type _____ Peak HP _____ @ _____ RPM
(Diesel, Electric Motor, Turbine, etc.) Peak Torque _____ ft-lbs @ _____ RPM
 Rotation as viewed from Gearbox CW CCW Both

If Applicable:

Flywheel Size _____ Flywheel Hsg _____ Clutch Size _____ RBD Size _____
 Pilot Bearing Size _____ Hyd. Motor SAE Pad _____ Spline Size _____
 Stub Shaft _____ Other (e.g. yoke size): _____

Gearbox Data

Ratio Desired _____ INC RED Accuracy _____ % Min/Max CD? _____
 Will gearbox be reversed? Y N Required SF _____ Max In/Out Speed _____
 Orientation: 12 o'clock 3 o'clock 6 o'clock 9 o'clock Other: _____
(Orientation of output from input shaft as viewed from the output side)
 Design Rating _____ hp @ _____ RPM for _____ hrs Life
Duty Cycle _____

Output Configuration (provide sizes below): (rotation as viewed towards gearbox output shaft(s))

Direction of Rotation? Engine Anti-Engine Overhung Load (describe) _____
 Stub Shaft _____ Driveline _____ Shifting? Air Mechanical
 Pump Pad _____ Other _____ Speed Pickup Gear? Y N

Miscellaneous Customer Requirements/Information:

Indicate componentry required to be supplied by Cotta

Heat Exchanger? Y N (As Req'd) Sump? Integral Remote
 Press. Relief Valve? Y N (As Req'd) Lube Pump? Y N Remote Filter? Y N (As Req'd)
Min. Coolant Temp _____ °F Max Ambient Temp _____ °F Unit is: Mobile Stationary
Coolant Flow _____ GPM Min Ambient Temp _____ °F

Customer Supplied Components from Above: _____

Other Miscellaneous Equipment/Requirements _____

Vehicle Data (if applicable):

✎ Transmission Ratios _____ ✎ Gross Vehicle Wt. _____ Driveline Angle _____

Front axle:

✎ Tire Size _____ ✎ Ratio _____

✎ Wt. On Axle _____ ✎ Rolling Radius _____ Driveline Angle _____

Rear axle:

✎ Tire Size _____ ✎ Ratio _____

✎ Wt. On Axle _____ ✎ Rolling Radius _____ Driveline Angle _____

✎ Provide System Sketch and Gearbox Critical Dimensional Requirements

Model Recommendation:

Comments/Additional Information (Special Conditions, Shock Loads, etc.) _____

✎ Estimated Quantity on First Order _____ Yearly _____

✎ Customer Signature _____ Date _____

Customer's signature and date to this "Application Design Data Sheet" signifies the customer's approval of the specifications and other information set forth above. The customer authorizes Cotta to proceed with design/production based on above, after receipt of an appropriate purchase order.

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