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## INDUSTRIAL/PUMPING DRIVE SHAFT APPLICATION DATA SHEET

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### GENERAL

Customer: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_

Engineering Contact (Name, Title, & Phone): \_\_\_\_\_

Purchasing Contact (Name, Title, & Phone): \_\_\_\_\_

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### APPLICATION INFORMATION

Please answer the following questions as complete as possible. Specify "NA" if question does not apply.

1. Constant or Variable Speed Application: \_\_\_\_\_
2. Circle Engine Type: Gas, Diesel, Electric, Steam, or Natural Gas
3. Horse Power of Application: \_\_\_\_\_ HP
4. Highest Speed of Application: \_\_\_\_\_ RPM
5. Lowest Speed of Application (applies for VFD only): \_\_\_\_\_ RPM
6. Gear Reduction: \_\_\_\_\_
7. Operating Angle: \_\_\_\_\_ Degrees
8. Service Factor for Driven Equipment: \_\_\_\_\_
9. B-10 Life Required: \_\_\_\_\_ hours
10. Length of Drive Shaft: \_\_\_\_\_ ft or in
11.  $WR^2$  of Motor Shaft: \_\_\_\_\_ lbs-ft<sup>2</sup>
12. Stiffness of Motor Shaft: \_\_\_\_\_ in-lbs/radian
13.  $WR^2$  of Pump/Gear-Drive Shaft: \_\_\_\_\_ lbs-ft<sup>2</sup>
14. Stiffness of Pump/Gear-Drive Shaft: \_\_\_\_\_ in-lbs/radian
15. Number of Impeller Vanes in Pump: \_\_\_\_\_

Additional Comments: \_\_\_\_\_

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Proposed By: \_\_\_\_\_, Title: \_\_\_\_\_

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