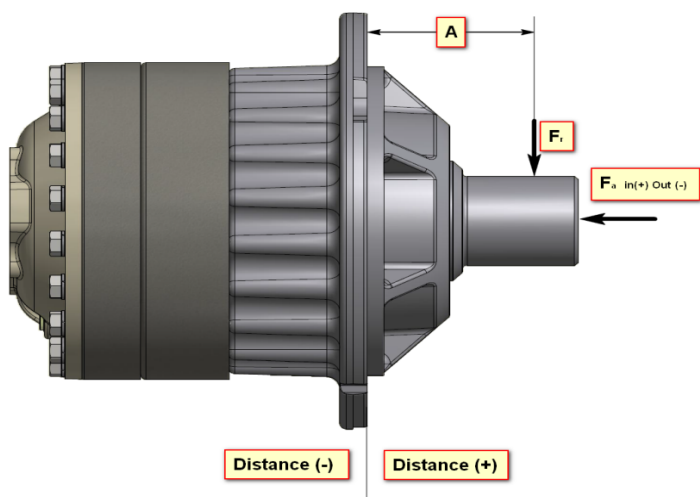




# Shaft Drive Application Data Form

TEL (913) 782-1238  
FAX (913) 782-4206  
sales@eskridgeinc.com  
www.eskridgeinc.com  
Form: ADF-SD-1  
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Date: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Contact: \_\_\_\_\_  
Application: \_\_\_\_\_

## Technical Data

Type of Machine: \_\_\_\_\_  
Engine Power: \_\_\_\_\_ HP \_\_\_\_\_ RPM  
Hydraulic Cont: \_\_\_\_\_ PSI \_\_\_\_\_ GPM  
Hydraulic Max: \_\_\_\_\_ PSI \_\_\_\_\_ GPM  
Gearbox Function: \_\_\_\_\_

## Gearbox Data

Max Output Torque: \_\_\_\_\_ in-lbs  
Max Output Speed: \_\_\_\_\_ RPM  
Output Shaft Position: ☐ Up ☐ Down ☐ Horz  
Reduction Ratio: \_\_\_\_\_ :1  
Operating Range: \_\_\_\_\_ °F  
Design Life Required: \_\_\_\_\_ hrs  
Annual Requirements: \_\_\_\_\_ Qty/yr

## Hydraulic Motor Data

☐ Fixed Displacement ☐ Variable Displacement  
Type: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_  
Maximum Displacement: \_\_\_\_\_ in<sup>3</sup>/rev  
Motor Mount: \_\_\_\_\_  
Pilot: \_\_\_\_\_ in Spline Data: \_\_\_\_\_

## Output Shaft Data

Shaft Type Required: \_\_\_\_\_  
Shaft Drop:  in  
Shaft Radial Force:  lbs  
Shaft Axial Force:  lbs

## Brake Data

Brake Torque Required: \_\_\_\_\_ in-lbs  
Brake Release Pressure: \_\_\_\_\_ PSI

## Electric Motor Data

Manufacturer: \_\_\_\_\_  
Frame Size: \_\_\_\_\_  
RPM: \_\_\_\_\_

## Duty Profile Load Spectrum

| Condition | Output Torque (in-lbs) | Speed (RPM) | Radial Load (lbs) | Time (%) |
|-----------|------------------------|-------------|-------------------|----------|
| 1         |                        |             |                   |          |
| 2         |                        |             |                   |          |
| 3         |                        |             |                   |          |
| 4         |                        |             |                   |          |