

SAI Hydraulics, Inc.

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APPLICATION DATA Power Transmission Design Requirements

Please print this page and complete the data below. Forward the information to the above for prompt action. We will contact you with our recommendations for your application.

1. Company Name _____ Your Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-Mail Address _____

Radial Piston Hydraulic Motor _____ Qty. to be purchased _____ Delivery Required

Planetary Gear Reducer _____ Qty. to be purchased _____ Delivery Required

2. Describe Prime Mover: _____

3. Describe Driven Load: _____

4. Horsepower Transmitted: _____

Motor Hp _____ Motor Starting Torque _____ Motor Frame Size _____

5. Working Pressure _____ PSI Max.System Pressure _____ PSI

6. Available Flow _____ GPM

7. Required Output Torque: Continuous _____ at _____ RPM, Maximum _____ at _____ RPM

8. Duty Cycle: Continuous Intermittent If intermittent, please specify: Output Torque _____ at _____ RPM _____% of the time,

Output Torque _____ at _____ RPM _____% of the time, Output Torque _____ at _____ RPM _____% of the time.

9. AGMA Load Class: Uniform Moderate Shock Heavy Shock

10. Service Factor _____ From Above Data Required by Customer's Specs.

11. Requested Ratio: _____ :1 (+/- _____ %)

12. Hours of Life Expectancy _____ at _____ % of Rated Load

13. Environmental Conditions Indoors Outdoors

Temperature: High _____ °F Low _____ °F Other: _____

14. Output Shaft Radial Load _____ lbs. at _____ inches "from mounting face of reducer".

15. Output Shaft Axial Thrust Load _____ lbs.

16. Lube Oil Available: No Yes If yes, what kind of oil? _____

Pressure _____ PSI Flow _____ GPM Temp _____ °F Filtered: Yes No

17. Oil Cooler Available: Yes No

18. Envelope Requirements (Include Sketch if Possible.): _____

19. Input Shaft: Vertical (Up) Vertical (Down) Horizontal

Other Specials (Describe): _____

20. Output Shaft: Vertical (Up) Vertical (Down) Horizontal

Other Specials (Describe): _____

21. Please attach application sketch _____