

R & J Cylinder and Machine: DESIGN DATA SHEET

Ref. Attached Documents: _____

MANUFACTURERS OF CUSTOM HYDRAULIC CYLINDERS

Date: _____

2155 Progress St. • Dover, Ohio 44262
(330)-364-8263 • FAX: (330)- 364-8264

Quote No. _____

Completed by (R&J/Customer): _____

Cylinder Size: Bore: _____ x Rod Dia.: _____ x Stroke: _____ x Retracted Length: _____

1. Customer: _____ Customer P/N: _____ Model No. _____

2. Telephone: _____ Fax: _____

3. Shipping Address: _____

4. Preferred Carrier: _____

5. Purchasing Contact: _____ Technical Contact: _____

6. Annual Qty: _____ Ship Qty. _____ / _____, _____ / _____, _____ / _____, _____ / _____ Target \$: _____

7. Application: _____

8. Single Acting Design: Double Acting Design Ram Type: Piston Type:

9. Work Done in Extension: Retraction: Non-Pressure Side Wet: Dry:

10. Sideload: Low: High: Explain: _____

11. Mechanically Induced Loads/Pressure Spikes? Explain: _____

12. Cylinder Rotation During Stroke (In-Degrees): Base _____ / Rod _____ Explain: _____

13. Cylinder Supported At (Provide Sketch If Available): Base: Rod: Other: _____

14. Maximum Working Pressure Extension: _____ PSI Retraction: _____ PSI

15. Relief Pressure Setting Extension: _____ PSI Retraction: _____ PSI

16. Cycle Rate: _____ (Hour/Day/Month) Expected Cyl. Design Life/Time/or Cycles: _____

17. Customer Warranty Requirements: _____

18. GPM to Cylinder: _____ Fluid Type/Weight/Trade Names: _____

19. Grease Fittings Type: Rod End: _____ Base End: _____

20. Safety Factor: Burst _____ to one. Yield _____ to one. Ult. _____ to one.

R&J Engineering to Spec _____ _____

21. Applicable Industry, Statutory or Regulatory Requirements: _____

22. Do You Have Any Hydraulic System Schematics: Yes No

23. Additional Comments: _____