

# CUSTOM ACTUATOR REQUEST



There are many variables in the design of a valve or actuator. Specific features can be designed into the device to optimize it for an application. The application parameters below will be used to consider a standard or custom design for the device. Please provide the following information for our evaluation and recommendations. Send this form and any additional drawings to: [valves@ThermOmegaTech.com](mailto:valves@ThermOmegaTech.com)

## ACTUATOR QUESTIONS

1. Stroke required; minimum and maximum allowable? \_\_\_\_\_
2. Load on actuator; how will the load change over the stroke range? \_\_\_\_\_
3. Temperature range to produce stroke? \_\_\_\_\_
4. Power available, if remote activated? \_\_\_\_\_
5. Response time required? \_\_\_\_\_
6. Materials of construction? \_\_\_\_\_
7. Fluid exposures? \_\_\_\_\_
8. Maximum and minimum exposure temperature? \_\_\_\_\_
9. Maximum and minimum exposure pressures? \_\_\_\_\_
10. Cycle life requirements? \_\_\_\_\_
11. Allowable envelope dimensions? \_\_\_\_\_
12. Preferred mounting configuration? \_\_\_\_\_
13. Vibration, shock exposures? \_\_\_\_\_
14. Other special requirements dictated by your applications? \_\_\_\_\_
15. Briefly describe the mechanism if it is not going into a valve \_\_\_\_\_  
\_\_\_\_\_
16. Prototype quantities? \_\_\_\_\_
17. Production quantities? \_\_\_\_\_
18. Need date for prototypes and/or productions quantities? \_\_\_\_\_
19. Target price in USD: \_\_\_\_\_
20. Please provide any additional details regarding the request.

### Contact Information

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_