

Hydraulic Actuation Specifier

Tell Us About Your Application

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Rodney Hunt can help in many ways in the selection of the appropriate actuator for a particular gate or valve installation. Preliminary design work, estimating, preparation of specifications and other assistance is available. To initiate a preliminary actuator design consultation, please complete this input sheet, provide the information requested, and fax or email to Rodney Hunt for timely response and feedback.

NAME		COMPANY NAME/MUNICIPALITY	
ADDRESS	CITY	STATE	ZIP
PHONE	FAX	E-MAIL	

Please respond as completely as possible to the questions below. If certain information is not known or not applicable, simply indicate this in the space provided.

1. What types of gates/valves or devices are to be operated? (sluice gates? slide gates? roller gates? crest gates? cone valves? butterfly valves? other?)

2. How many gates/valves or other devices will be operated?

3. How many gates or valves will be operated at one time?

4. What size(s) are the gates/valves to be operated?

5. What operating heads will be acting on the gate or valve?

6. Approximately how far apart are the gates/valves? How far from a potential central hydraulic system location?

7. What will be the operating speed of the gates/valves? (30" per minute is standard for hydraulic actuators, 12" per minute is standard for electrically actuated gates.)

8. How frequently will the gates/valves be operated? Will they be modulating to control flow or level?

9. What is the environment where the gates/valves will be located? This includes any special conditions, such as extremes of temperature, corrosive or hazardous atmosphere, outdoor location, etc.

10. Will the gates/valves be operated by a push-button station operated at the gate or valve? Or located at the central control panel? Or both?

11. Will the gates/valves be operated from an external signal such as a water level transmitter, flow transmitter, or a signal from a computer?

12. Is power failure or emergency operation required for any of the gates/valves? Should the gates open or close upon power failure?

13. Is continued operation of the gates required after power failure?

14. Is gate position indication required? If so, should this be end of travel only, continuous position indication only, or both?
