



# *CONNECTION BULLETIN*

## *Vogt Valves*

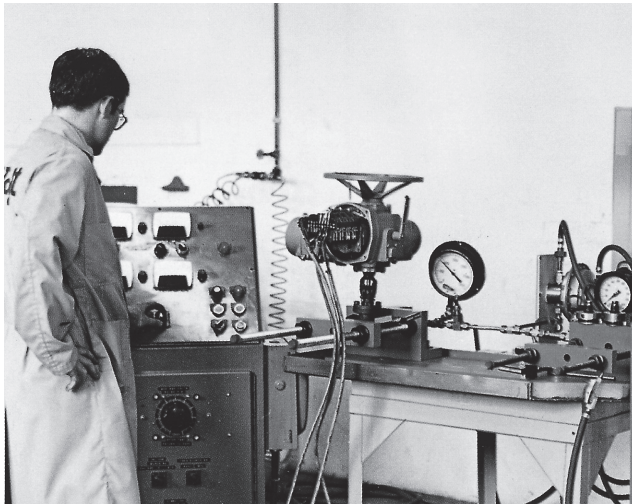
Motor-Operated  
Gate and Globe Valves

*FCD VVABR1019-00 – 01/05 (Replaces CB-19)*



*Experience In Motion*

# Motor-Operated Gate and Globe Valves



Vogt motor-operated valves are shell and seat hydrotested utilizing the valve actuator to develop opening and closing torques. The performance tests include a check of operating currents, limit and torque switch development and wiring accuracy.

- Standardized conversion design
- Factory installed
- Performance tested
- Fast delivery
- Single source responsibility

## Fast delivery

Our engineers have provided us with the capability to very quickly modify Flowserve Vogt valves with Flowserve Limitorque operators. The usual long delay for motor-operated valves has been eliminated by utilizing a standardized actuator with standardized mounting accessories from stock.

## Factory conversion

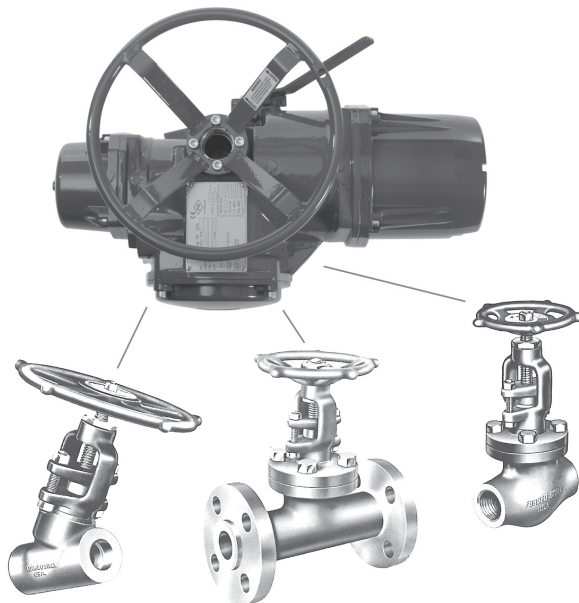
The Vogt valve of your choice can be converted to motor operation in our shop and performance tested on the same exacting equipment used to qualify valves for nuclear service.

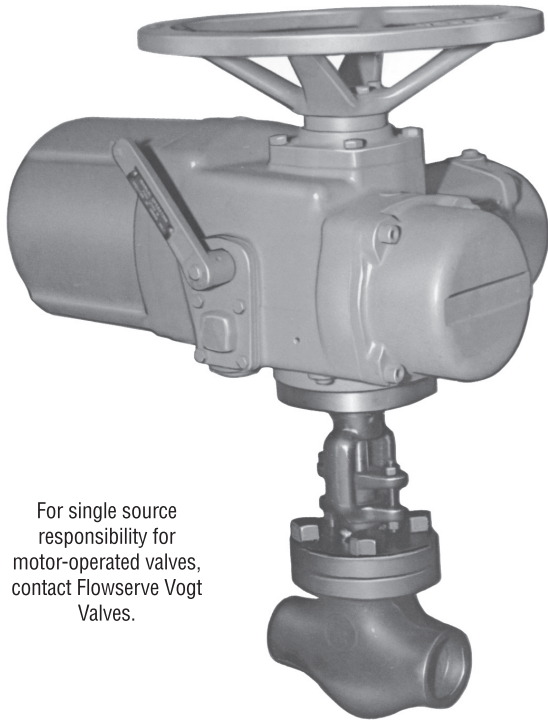
The valve and actuator are then ready for immediate installation with limit and torque switches set and checked by Vogt craftsmen.

We provide single source responsibility for factory assembled motor operated valves.

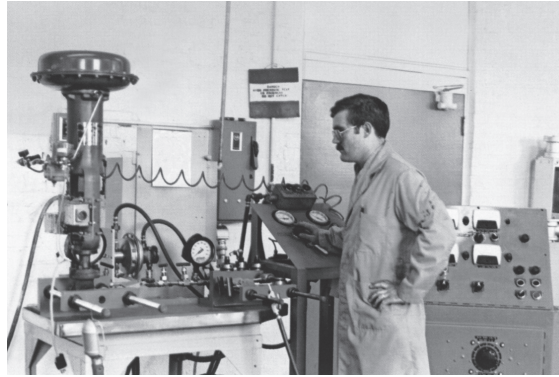
## Field conversion

If field conversion of an in-service Vogt valve is desired, we can supply the field conversion parts and actuator preassembled for fast installation.





For single source responsibility for motor-operated valves, contact Flowserve Vogt Valves.



During performance tests of pneumatic activated valves, spring loads are adjusted (for fail-safe valves) and limit switches are set.

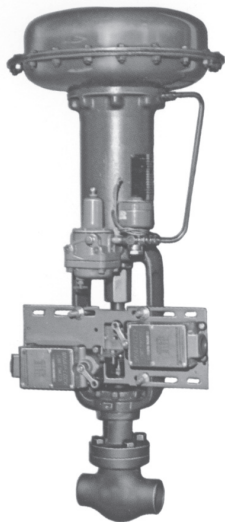
## Limitorque® actuators

- 230/460 Volts, Three Phase, 60 Hz
- 16-contact geared limited switches
- Open and close torque switches
- Declutch mechanism for manual operation
- Limit switch compartment heater
- Cast iron construction
- Close coupled pushbutton station (optional)
- Weatherproof construction (NEMA I, III, IV and VI Specifications)

Our most popular valves can now be modified with short delivery. Let us review your motor-operated valve requirements.



Vogt valve customized with Air Cylinder Actuator



Vogt valve customized with Air Diaphragm Actuator

## Pneumatic Actuated Valves from Vogt

Double-acting, fail-close or fail-open pneumatic actuated valves, with or without manual overrides, can be furnished at the user's option. Solenoid valves, completely piped, with open and close limit switches are available as optional accessories for pneumatic actuated valves.



**United States**  
Flowserve Corp.  
Flow Control  
Flowserve Vogt Valves  
1511 Jefferson Street  
Sulphur Springs, TX 75482 USA  
Telephone: 1 903 885 3151  
Fax: 1 903 439 3386

FCD VVABR1019-00 Printed in USA. (Replaces CB-19)

***To find your local Flowserve representative:***

For more information about Flowserve Corporation, visit  
[www.flowserve.com](http://www.flowserve.com) or call USA 1 800 225 6989

Flowserve Corporation has established industry leadership in the design and manufacture of its products. When properly selected, this Flowserve product is designed to perform its intended function safely during its useful life. However, the purchaser or user of Flowserve products should be aware that Flowserve products might be used in numerous applications under a wide variety of industrial service conditions. Although Flowserve can (and often does) provide general guidelines, it cannot provide specific data and warnings for all possible applications. The purchaser/user must therefore assume the ultimate responsibility for the proper sizing and selection, installation, operation, and maintenance of Flowserve products. The purchaser/user should read and understand the Installation Operation Maintenance (IOM) instructions included with the product, and train its employees and contractors in the safe use of Flowserve products in connection with the specific application.

While the information and specifications contained in this literature are believed to be accurate, they are supplied for informative purposes only and should not be considered certified or as a guarantee of satisfactory results by reliance thereon. Nothing contained herein is to be construed as a warranty or guarantee, express or implied, regarding any matter with respect to this product. Because Flowserve is continually improving and upgrading its product design, the specifications, dimensions and information contained herein are subject to change without notice. Should any question arise concerning these provisions, the purchaser/user should contact Flowserve Corporation at any one of its worldwide operations or offices.

© 2005 Flowserve Corporation, Irving, Texas, USA. Flowserve is a registered trademark of Flowserve Corporation.