

TAKING VALVE AUTOMATION TO THE NEXT LEVEL

Bray International manufactures and supplies a complete range of Engineered Valve Solutions with our self-contained Electro-Hydraulic Actuators designed to give you the exact level of reliable control, positional accuracy, repeatability, and flexibility to meet the most critical and difficult applications.

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|-----------------------|--------------------|--|
| > Power Generation | > LNG Facilities | > Water / Wastewater |
| > Mining and Minerals | > Gas Pipelines | > Oil and Gas Exploration and Production |
| > Refining | > Liquid Pipelines | > Pulp and Paper Plants |

HIGHLIGHTS

KEY FEATURES

- > Completely self-contained
- > Electric on/off failsafe
- > Continuous modulating duty
- > Precise controllability and repeatable accuracy
- > Adjustable opening and closing speeds
- > Weather-proof or explosion-proof construction
- > Fail freeze, fail last, fail open or fail close using spring or stored accumulator energy
- > ESD and PST capable
- > SIL capable
- > UL, FM, ATEX, CSA certifications
- > Manual hydraulic override
- > Custom built options available

COMPACT HP RANGE

- > Rugged and repeatable performance under the most challenging conditions
- > Supply Voltage:
 - 12 or 24 VDC or 48VDC
 - 120 - 220 VAC
 - 480 V 3-Phase
 - 50/60 Hz
 - Solar or wind charged power packs
- > Control Signal:
 - 4-20mA or 0-10VDC
 - 12 or 24 VDC or 48 VDC
 - 120 - 220 VAC
 - Network Protocols

COMPACT LP RANGE

- > Compact tubeless series excellent where space and weight consideration is important
- > Supply Voltage:
 - 12 or 24 VDC or 48 VDC
 - 120 - 220 VAC
 - 50/60 Hz
 - Solar or wind charged power packs
- > Control Signal:
 - 4-20mA or 0-10VDC
 - 12 or 24 VDC or 48 VDC
 - 120 - 220 VAC
 - Network Protocols

TORQUE RANGE

Hydraulic Break to Open

Torque Range:

- > 1,629 lb-in (184 N m) to 885,100 lb-in (100,000 N m)

Spring-Ending Torque Range:

- > 2,744 lb-in (310 N m) to 456,261 lb-in (50,306 N m)



Compact HP Series Actuators



Custom Built HP Series Actuators



Custom Built Solar Charged Power Packs

FEATURES

- > Double acting or spring return
- > Zero emissions capability
- > Completely self contained
- > Multiple voltage and control signal options including network protocols
- > Can be operated by solar or wind charged power packs, ideal for remote locations
- > Fast opening and closing speeds
- > Precise controllability and repeatable accuracy
- > Fail freeze, fail last, fail open or fail close using spring or stored accumulator energy
- > Remote and local diagnostics capability
- > Remote hydraulic power pack mounting option available
- > Remote and local controls
- > Line break protection
- > Partial stroke test
- > Weather-proof or explosion-proof construction
- > Adjustable speed controls
- > Actuator system alarm options
- > Manual override for operation during power loss
- > SIL capable
- > UL, FM, ATEX, CSA certifications

VERSATILE

Bray electro-hydraulic actuators are available for all Bray valves, or any non-Bray rotary, linear, multi-turn, and damper valves — including field retrofitting services.



US HEADQUARTERS

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