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.

> Power Generation
> Mining and Minerals
> Refining
> LNG Facilities
> Gas Pipelines
> Liquid Pipelines
> Water / Wastewater
> Oil and Gas Exploration and Production
> 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)
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.

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

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