

**TAKING VALVE AUTOMATION TO THE NEXT LEVEL**

Bray Controls can manufacture and supply complete Engineered Valve Solutions with our range of Hydraulic Actuators designed to give you the exact level of reliable control, positional accuracy, repeatability and flexibility in design to meet the most critical of 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

**FEATURES**

**STANDARD**

- > Fast opening & closing speeds
- > Weather-proof or explosion-proof
- > Fail close or fail open
- > Adjustable fail mode speeds/  
manual override

**COMPACT RANGE**

- > Rugged performance under challenging conditions
- > Supply Voltage:
  - 12 or 24 VDC
  - 120 - 220 VAC
  - 480 V 3-Phase 60 Hz
- > Control Signal:
  - 12 or 24 VDC
  - 120 - 220 VAC

**COMPACT ULTRA-LOW POWER**

- > Excellent for solar-powered sites with an ultra-low-power consumption solenoid (1.8 watts)
- > Supply Voltage:
  - 12 or 24 VDC
- > Control Signal:
  - 12 or 24 VDC

**TORQUE RANGE**  
**HIGH PRESSURE**

**Hydraulic Break to Open**

**Torque Range:**

- > 2,058 lb-in (232 Nm) to  
863,089 lb-in (97,515 Nm)

**Spring-Ending Torque Range:**

- > 2,741 lb-in (309 Nm) to  
366,750 lb-in (41,437 Nm)



**Compact  
HP Series Actuators**



**Compact Ultra-Low Power  
HP Series Actuators**

**TORQUE RANGE**  
**LOW PRESSURE**

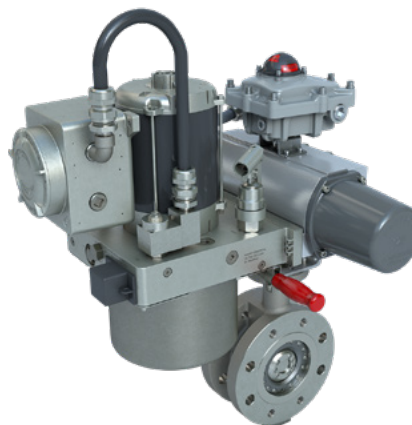
**Hydraulic Break to Open**

**Torque Range:**

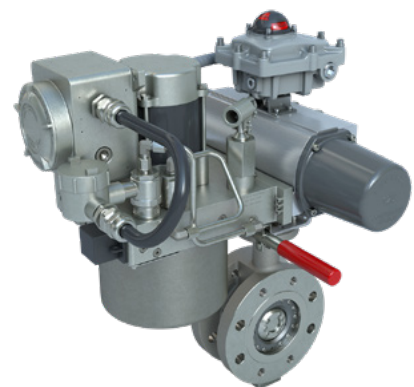
- > 1,177 lb-in (133 Nm) to  
51,838 lb-in (5,856 Nm)

**Spring-Ending Torque Range:**

- > 1,345 lb-in (151 Nm)
- > 38,580 in-lb (4,358 Nm)



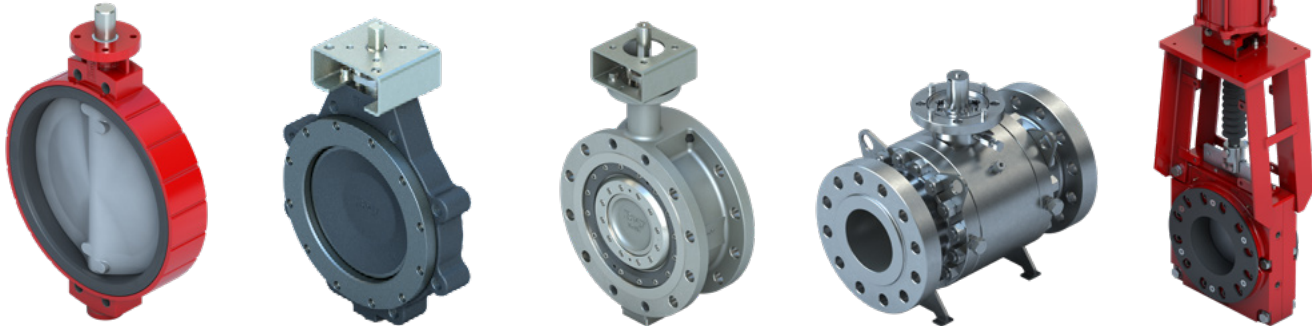
**Compact Tubeless  
LP Series Actuators**



**Compact Ultra-Low Power  
LP Series Actuators**

**VERSATILE**

Bray hydraulic actuators and power supplies are available on all Bray Valves, or on a valve or damper brand of your choice — including field retrofitting services.



**QUALITY ASSURANCE MANAGEMENT**

Bray’s Quality Assurance Management Program is supported by third party certifications and approvals and extensive product testing.

**Fire-Safe**

- > API 607
- > EN10497
- > US Navy NAVSEA Certified
- > Bray double and triple offset design valves meet or exceed the latest international fire test requirements.

**PED (Pressure Equipment Directive)**

- > PED, which includes valves and fluid pressured actuators, requires that all equipment within its scope must not only be safe for the applicable pressures but manufactured of the materials specified by the customers.

**NSF (National Sanitation Foundation)**

- > Bray EPDM seated/Nylon 11 encapsulated ductile iron disc valves are NSF approved for use in potable water service.

**SIL (Safety Integrity Level)**

- > Bray Tri Lok
- > Bray/McCannalok
- > Series 92/93 Pneumatic Actuators
- > Series 98 Scotch Yoke Actuator
- > Flow-Tek Ball Valves

**Marine Certifications**

- > ABS - American Bureau of Shipping
- > DNV - Det Norske Veritas
- > CCS - China Classification Society



**US HEADQUARTERS**

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