

# The Olmsted High Pressure Ball Valve

Superior Flow Efficiency



*The leader in high flow, high pressure valving*

# The Olmsted High Pressure Ball Valve – HPBV

Olmsted Products Co. offers a ruggedly engineered line of high pressure ball valves designed to meet the requirements of large hydraulic systems. With a maximum operating pressure of 15,000 PSI (1034 BAR) and redundant seal features, these ball valves are sure to perform at the highest level.

Our 90-degree rotation, high pressure ball valves are designed for remote isolation and are very durable for industrial and marine use. Olmsted ball valves are engineered to suit each customer's specific applications.

A redundant anti-blowout seal is a built-in security feature ensuring that the ball valve functions properly



during its long lifetime. Over time, saltwater and other corrosives can cause materials to break down. With Olmsted's second line of defense, the anti-blowout seal ensures the ball valve remains in proper working condition throughout its life.

A lock-out mechanism ensures the ball remains closed during scheduled maintenance or when the system needs overhauling.

From harsh subsea environments to everyday applications, from -15C to 50C, Olmsted's high pressure ball valves will turn in long, low-maintenance performance you can count on.

## High Pressure Ball Valve

### Features

- Lock-out mechanism
- Redundant anti-blowout seal
- IP67 rated
- Unlimited mounting positions

### Options

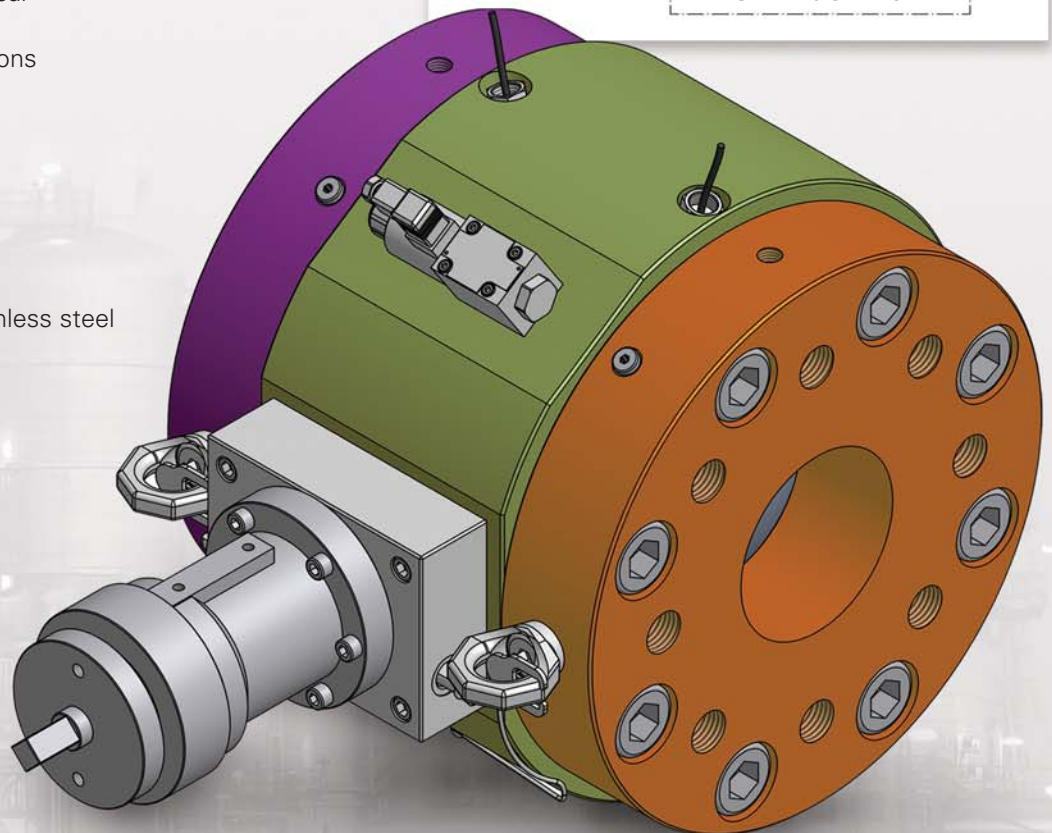
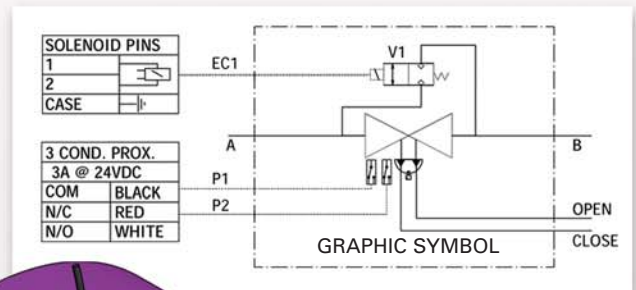
- Proximity switch
- Bypass valve
- Sizes from 2 in. to 10 in. (other sizes available)
- Body: carbon steel or stainless steel

### Applications

- Mining
- Subsea
- Water hydraulics
- Marine
- Pipelines

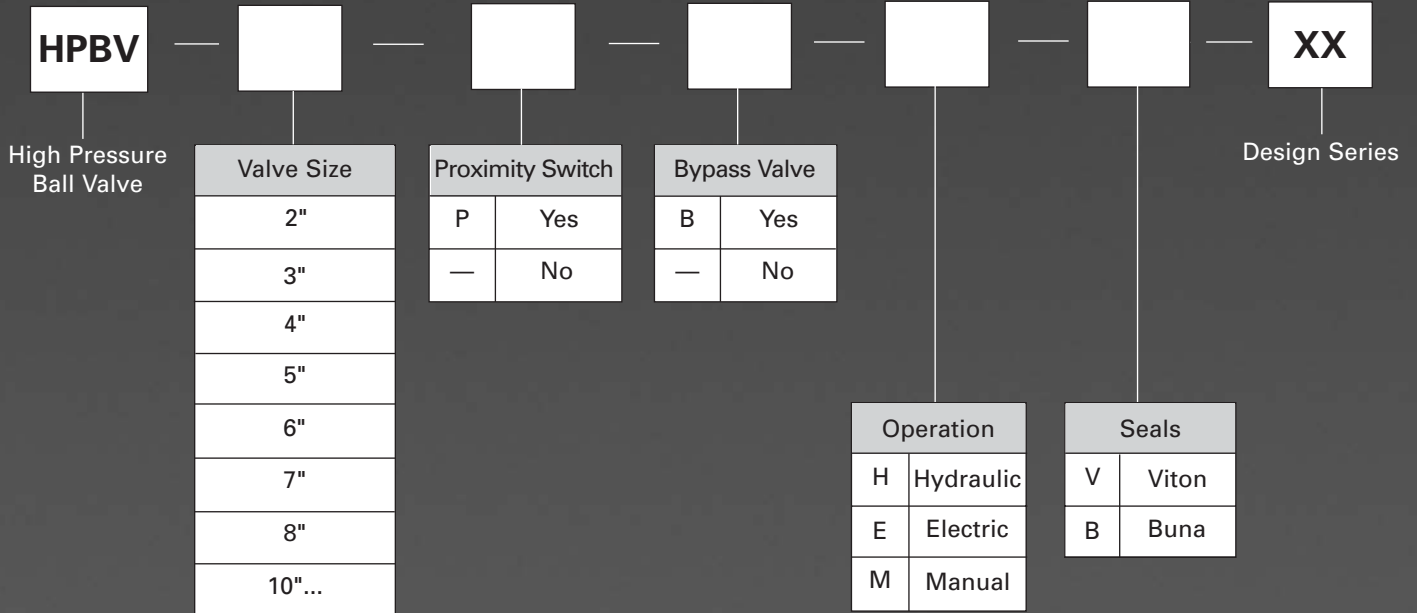
### Advantages

- High pressures
- Compact footprint
- Highly efficient
- Built to customer specs



# Ordering is simple

Ordering the Olmsted High Pressure Ball Valve starts with developing your part number.



## Application data

Certificate	Lloyd's Register, ABS and DNV approved
Max operating pressure	6500 psi (448 BAR), up to 15,000 PSI (1034 BAR) upon request
Hydro test pressure	9750 psi (672 BAR)
Fluid	Mineral oil, water based, others available upon request
Rated operating temperature	-15°C – 50°C
Material:	
Seals	Buna or Viton
Body	Carbon steel or stainless steel
Ball	Stainless steel
Actuator	Various with Corr-I-Dur treatment for salt spray
Mounting position	Unlimited
Flange options	Upon request (SAE, API, ISO-6164..etc)
Actuation	90-degree rotation, remote hydraulic with provisions for manual operation
Testing	Flow tested up to 20,000 GPM

## **Olmsted Products Co.**

For more than 40 years, Olmsted Products Co. has been designing and manufacturing quality high-flow, high-pressure valving with flows in excess of 20,000 GPM and pressures in excess of 15,000 PSI.

Olmsted designs rugged, reliable valves for industrial, marine, and offshore applications. Whether it is a cartridge, manifold-mounted, or inline model valve, Olmsted has the ability to design the valve to fit your specific requirements.



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