

Eccentric Sealing Hard-Ball Valve

This hard-ball valve features an eccentric sealing mechanism and is designed for high-velocity flow applications. The valve provides a reliable, abrasion-resistant seal with quick open/close operation and minimal head loss.



Product Overview

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This eccentric half-ball valve combines the flexibility and reliability of traditional ball valves with an advanced eccentric crank mechanism. Designed for durability, the metallic spherical cap rotates 90 degrees to ensure effective sealing, while the floating metal seat equalizes fit tolerances. This robust design serves as a superior alternative to traditional gate and butterfly valves, capable of operating in demanding environments that standard valves cannot handle.

Technical Specifications

Operating Temperature

600 °C

Max Temperature (Hard Seal)

Sealing Type

Hard Seal • Eccentric

Applications

Primary Use Cases

- Dam bottom empty and control valve
- Pump system pressure increasing
- Central air-conditioning systems
- Underground pipelines (low height)
- Safe valve and flow control
- Pressure reducing valve

Compatible Media

Clear Water, Raw Water, Sewage, Sea Water, Coal Gas, Natural Gas, Oil