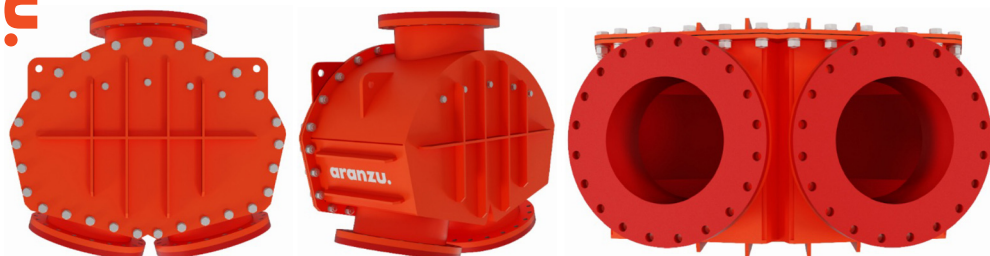




Ball Check Valve

aranzu.

The **aranzu** Ball Check Valve is an advanced solution for critical slurry process lines. It ensures maximum abrasion resistance and minimal pressure drop, making it a dependable component in any piping system. Its self-actuating nature means no external power sources are needed, simplifying installation and maintenance.



Design ➔ The **aranzu** Ball Check Valve boasts a robust and rugged construction, capable of withstanding the harsh conditions typical in slurry process lines. The design incorporates a spherical ball within the valve chamber, which automatically shifts to block the flow from an inoperative pump, thereby preventing backflow and allowing for easy pump removal and maintenance. This design eliminates the need for traditional shut-off valves and Y-fittings, streamlining the piping system and reducing the risk of component failure.

Application ➔ The **aranzu** Ball Check Valves are ideal for use in process plants where standby pumps are essential, particularly in slurry applications. Perfect for isolating two pumps operating in parallel, ensuring that fluid does not flow back through a non-operational pump. They are especially beneficial in critical areas where reliable pump isolation is necessary to maintain continuous operation and prevent process interruptions. The valves are commonly used in industries such as mining, chemical processing, and wastewater treatment, where the handling of abrasive and corrosive fluids is routine.

Variations ➔ The **aranzu** Ball Check Valve comes in a range of sizes and materials to accommodate different application needs. Variations include different body materials to ensure compatibility with various types of slurries and process fluids. Custom configurations can also be designed to meet unique operational challenges, ensuring that the valve provides optimal performance in any given application.

Custom Requirements ➔ Units are custom sized to meet client needs.

