



When Performance Matters.

Introducing the Next Evolution in Ball Valves

The new lead-free 585 High Performance Ball Valve by NIBCO is on the cutting edge of manufacturing technology, ease of installation, and highest quality standards.

- Patented Laser-Welded Design
- Pressure-Rated Up to 1,000 CWP and 150 SWP
- New! 10-Year Warranty



Laser Welded.

High structural integrity with better performance.



Reversible Handle.

Eliminates the need to re-install the valve due to an unforeseen obstruction.



Triple Sealed.

Two O-rings combined with PTFE packing provides the highest degree of reliability.

United States Patent No. 10,234,043 &
United States Patent No. 11,131,403

LEAD-FREE: Weighted average lead content $\leq 0.25\%$
Q-585HP-0120-R092121

NIBCO®

585HP

HIGH PERFORMANCE BALL VALVE

Reversible Handle

The handle is reversible by moving the stop pin from one location to the other, eliminating the need to re-install the valve due to an unforeseen handle swing obstruction. This valuable time- and money-saving feature is designed for prefabricated sub-assemblies which are produced off-site and valve handle modification is common during installation.

Triple-Sealed Stem

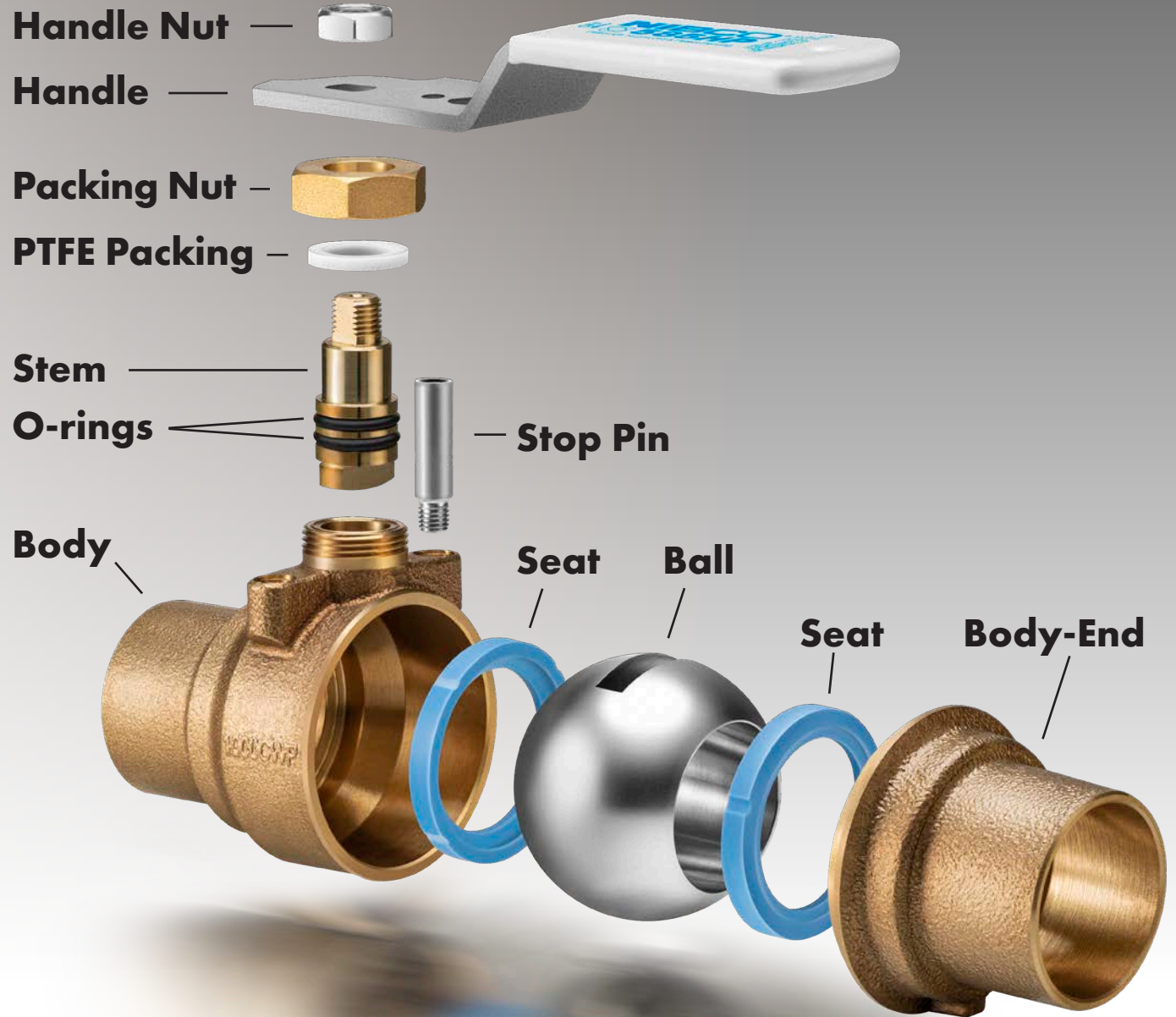
The 585HP is triple-sealed, with two elastomer O-rings as the primary and secondary seals. The PTFE packing is the tertiary seal and is compressed by a large and easily accessible packing nut.

Large Accessible Packing Nut

Most adjustable wrenches will fit easily under the handle. This new configuration allows the PTFE packing to be serviced and replaced in the future. No special packing wrench required.

Laser-Welded Construction

The laser welding process used on the 585HP is the same high-tech manufacturing technology used in the automotive, aerospace, and defense industries. A high-intensity laser beam is focused right at the body to body-end joint, which melts the bronze alloy material at the seam. The seam then re-solidifies as a high strength, welded part.



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