

NUTRON® Floating Ball Valves

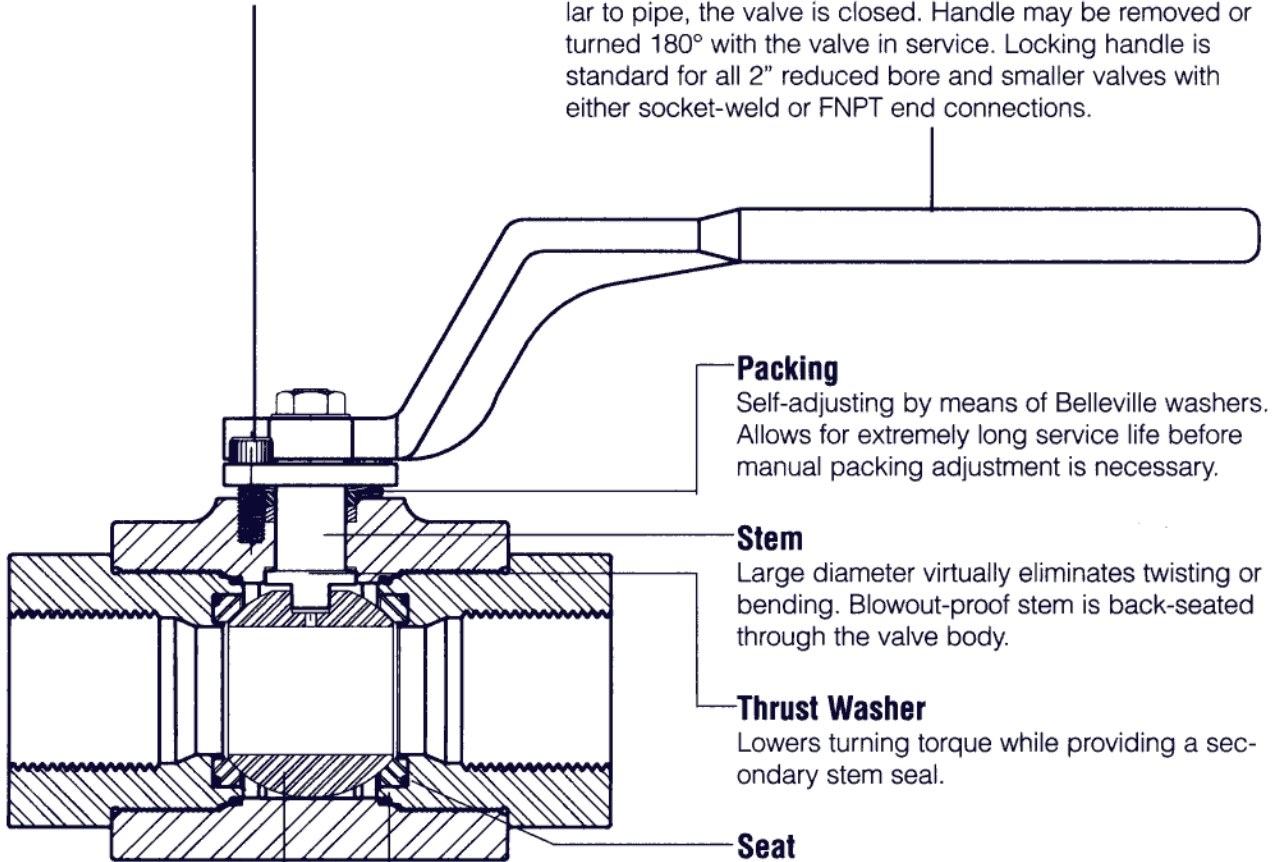
FEATURES

Cap Screws

Dual purpose; allows for easy packing adjustment without handle removal while providing a stop for the handle.

Handle

Extremely rugged cast handle for long life. Handle position indicates flow position. With handle positioned in line with pipe, the valve is open. With handle positioned perpendicular to pipe, the valve is closed. Handle may be removed or turned 180° with the valve in service. Locking handle is standard for all 2" reduced bore and smaller valves with either socket-weld or FNPT end connections.



Packing

Self-adjusting by means of Belleville washers. Allows for extremely long service life before manual packing adjustment is necessary.

Stem

Large diameter virtually eliminates twisting or bending. Blowout-proof stem is back-seated through the valve body.

Thrust Washer

Lowers turning torque while providing a secondary stem seal.

Seat

Large cross section combined with the seating surface being located in the center of the seat angle provides extremely long life and low turning torque. The seat angle allows for shut-off at both low and high pressures. Materials available are PTFE, Delrin, PEEK and Devlon.

Ball

The floating ball design allows for positive shut-off in either flow direction; self cleaning. Includes pressure-equalization hole to prevent trapped pressure in body cavity.

Seals

O-rings or gaskets are placed ahead of the body cap threads, providing a tight seal and protection of threads from flow media, allowing for easy maintenance.

Body Construction

Forged steel three-piece threaded or bolted construction. A machined surface pad area is drilled and tapped for actuation as a standard. Both threaded and bolted construction allow for flexibility of end connections — flanged by butt-weld or any other connection.