WHERE SAFETY, QUALITY, AND EXPERIENCE ARE COUPLED WITH PERFORMANCE AND VALUE

UNIQUE VALVE DESIGN FEATURES

Flo-Tite’s high performance stem assembly design offers safety and an exceptionally long service life reaching 100,000 cycles and more. Our Live-loaded, Self Adjusting Stem Seal Design and I-SO-Mount Actuator Mounting Pad make Flo-Tite Ball Valves an excellent choice for all of your automated valve applications.

**Stem Design**

Flo-Tite offers two heavy duty, high quality stem designs, both with double “D” stem flats, which simplify lever mounting and always designate direction of flow. All stems are internal entry and are of an anti-blowout design to ensure maximum safety. Stem design meets ANSI B16.34 specification.

**Unique Stem Assembly**

Size 1/4” thru 2”

Stem assemblies are live-loaded with self-adjusting Belleville washers. They automatically adjust for thermal expansion and compensate for stem and seat wear. This design is secured by a saddle-type lock washer which prevents stem nuts from unthreading in high cycle automation applications.

**Double Lock-Nut Design**

Allows for convenient handle removal, permitting the user to remove the handle without interfering with line pressure.

**Stem Design**

Valve Size 2-1/2” thru 12”

The stem is guided by the valve body and the packing gland. This assures smooth operation even when line media may create high torque. The packing gland is also adjustable. All stems are polished to minimize operating torques.

**I-SO-Mount**

All Flo-Tite valves have integrally cast Actuator Mounting Pads which comply with ISO5211. This high-end design provides positive mounting and eliminates unwanted actuator movement during high cycle or modulating applications.

STANDARDS

All valves are manufactured in strict adherence to internationally recognized standards and specifications, including: ANSI/ASME, API, NACE, BS5351, and ISO.

CATALOG

One of our most important features is our easy to read literature and price list. Each catalog page provides all the required, vital technical information.

DESIGN FEATURES

The Flo-Tite valve is the culmination of many years of design and development. Flo-Tite has concentrated its efforts on the refinement of the basic ball valve design. The high quality, standard features found in the Flo-Tite valve separate us from our competitors and maintain our position as an industry leader with a totally advanced design ball valve.
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