



Butterfly Valves - 1 1/2" to 24" Sizes

Special Features and Options



Hayward Butterfly Valves are used for throttling or quick quarter-turn on-off control. They are simple, lightweight and compact – and are ideal for use where either space is limited or service and maintenance must be performed quickly. Because they require only 90° to fully open or close, Hayward butterfly valves are easily automated and are widely used as efficient throttling or flow regulating valves. Additionally, they are excellent for handling abrasive or slurry-type fluids.

Corrosion Resistant, No Contamination

Hayward plastic butterfly valves are installed for many reasons, including: resistance to corrosion and/or freedom from contamination. Hayward plastic butterfly valves do not have any metal in contact with the process media. There is none of the rusting or corrosion associated with metal valves, even those made from so-called "higher" alloys. PVC, CPVC and polypropylene are electrically non-conductive. Therefore, galvanic corrosion is completely unknown in Hayward plastic butterfly valves.

Equally important, there is nothing to leach out and contaminate the most sensitive liquids. Such difficult fluids as de-ionized water and delicate chemical solutions cannot pick up traces of metal or other foreign matter from a Hayward butterfly valve. The all-plastic construction makes them entirely inert. Hayward butterfly valves will outperform metal butterfly valves in many places. The applications are limited only by the imagination of the user.

Hayward Modular Design

Hayward Modular Series butterfly valves have been specifically designed as a rugged component-matched system. They offer a versatile range of operators, including hand levers, gear



At left: 3" butterfly valve with supported aluminum stem extension.

At right: 6" butterfly valve with unsupported stem extension

operators, electric and pneumatic actuators.

The unique modular mounting design takes the difficulty and guesswork out of installation or service. The valves can be installed or removed in minutes – regardless of which valve trim or accessories are used.

The rugged one-piece body incorporates fully supported flange bolt holes. This prevents stressing of the mating pipe flanges, ensuring long service life and enhanced system integrity. Additionally, all sizes meet industry face-to-face standards – allowing simple retrofit to replace most metal butterfly valves.

Unique Liner Assures Positive Seal

The tough, abrasion resistant, elastomeric liner incorporates a unique retention design which assures positive sealing of the liner to the valve body. Thus, liner replacements can be made simply and quickly. Further, each liner

has an integrally molded face seal which provides positive sealing against any mating flange without the use of additional gaskets.

The primary seal between the disc and liner is factory tested to bubble-tight shut-off. This seal is self adjusting and will remain tight even beyond the design working pressure of the valve. The design provides for uniform wear on all contact surfaces for extended service life. The stainless steel shaft is completely sealed from the process media, is positively secured, and is blowout proof.

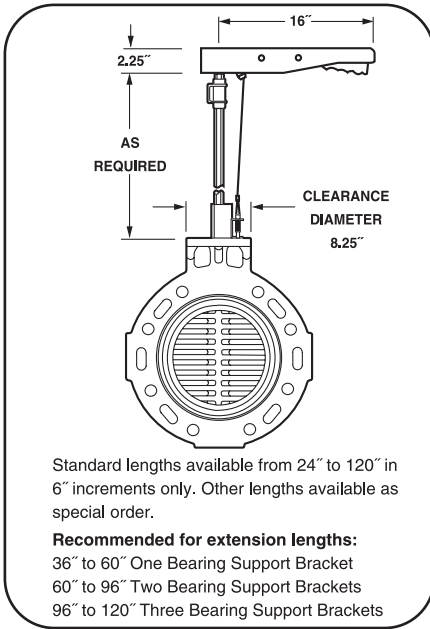
Trouble-Free Service

Designed for both the quality and cost conscious user, the Hayward Modular Series Plastic Butterfly Valves provide trouble-free service for highly corrosive or high purity liquids at elevated temperatures. They will neither corrode nor contaminate the fluids passing through them.

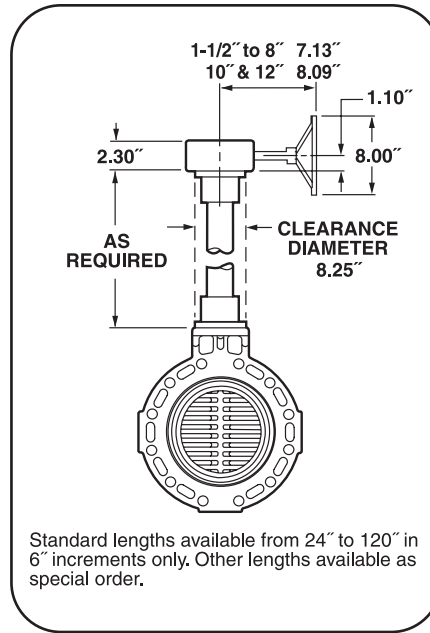


Butterfly Valve Options

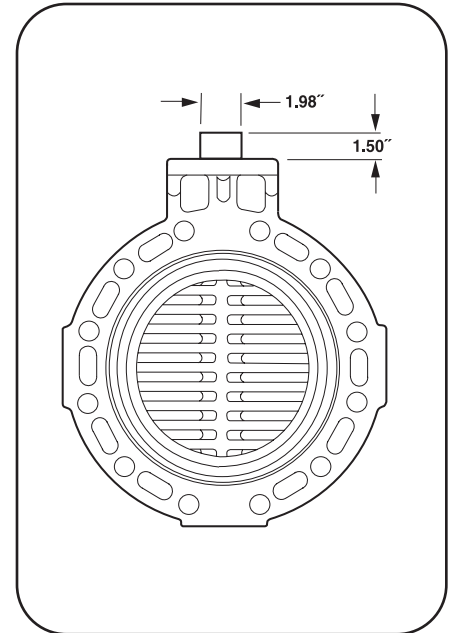
1 1/2" to 8" Lever Operated Butterfly Valve Stem Extension



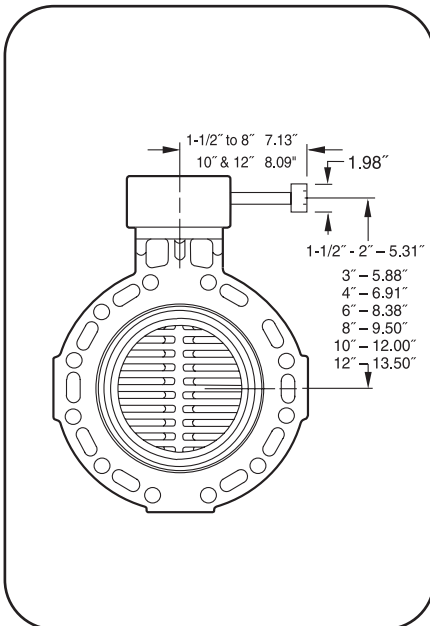
1 1/2" to 12" Gear Operated Butterfly Valve Stem Extension with PVC Housing



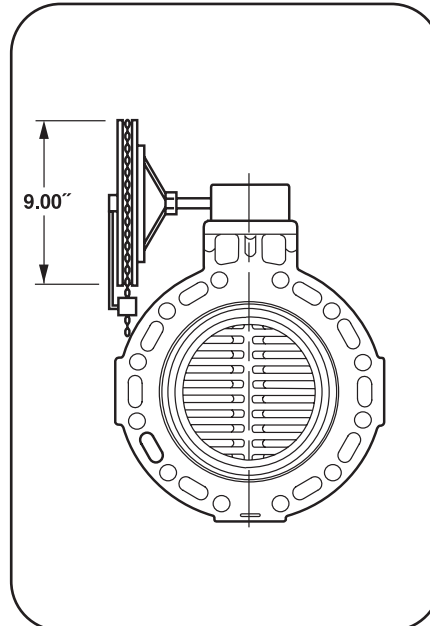
1 1/2" to 8" Butterfly Valve with Non-Locking 2" Square Operating Nut



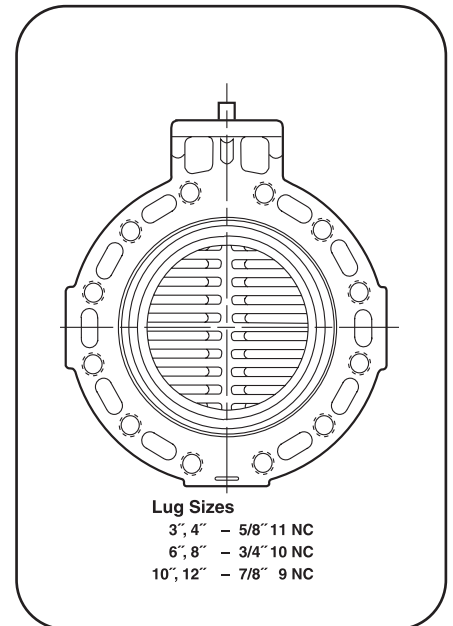
1 1/2" to 12" Gear Operated Butterfly Valve with 2"-Square Operating Nut



1 1/2" to 12" Chain Operated Butterfly Valve



1 1/2" to 12" Butterfly Valve with Lug Mounts



*Consult factory for option drawings for 14" to 24" size butterfly valves.