



FLOW CONTROL
One Hayward Industrial Drive
Clemmons, NC 27012 USA
Phone: 1-888-429-4635
Fax: 1-888-778-8410
www.HaywardFlowControl.com
HFCSales@Hayward.com

BYV SERIES THERMOPLASTIC WAFER-STYLE BUTTERFLY VALVES SPECIFICATIONS:

All thermoplastic wafer-style butterfly valves shall be manufactured from PVC Type 1, Grade 1 (ASTM D1784, Cell Classification 12454), CPVC (ASTM D1784, Cell Classification 23447) or glass filled Polypropylene (ASTM D4101, Cell Classification 85580).

All valve bodies shall contain integral top mounting flange with dimensions and bolt circles conforming to ISO 5211. Bodies shall contain fully supported flange bolt holes, be one piece construction and meet ANSI B16.10 narrow face-to-face dimensions in all sizes. If LUGGED butterfly valves are required, lugs shall be over-molded, 316 stainless steel and be the full width of the body. Liners shall be EPDM, Viton® or Nitrile.

Liner shall be FULL BOOT design, and shall be retained in the body via rib and groove engagement. Liner shall serve as primary disc seal and face seals for mating flanges. Secondary upper bearing and lower seal retainer o-ring seals to be EPDM or FPM. Stem shall be 316 stainless steel, non-wetted and provide full engagement over length of disc. Stem shall have position retention design. Lever handle shall be trigger-style with 360° interlocking splines allowing the handle to position the disc in 5° increments.

Mounting of stop plate for lever handle shall be non-invasive to the valve body and shall not incorporate self tapping screws or other fasteners that connect directly to the valve body. Trigger shall contain hole for padlock, as well as slot for cable tie, to lockout valve. Lever handle material to be 30% glass filled Polypropylene with UV Inhibitor.

Sizes 2" through 8" will be lever-operated as standard, and sizes 10" and 12" will be gear-operated as standard. Gear operators will be available for all sizes of valves as needed. All sizes of butterfly valves (2 through 12") shall be pressure-rated for 150 PSI at 70°F non-shock. All Thermoplastic Wafer-Style Butterfly Valves shall carry a three-year global warranty, shall be manufactured by Hayward® Flow Control and in the USA.