The Series PBFV Thermoplastic Butterfly Valves are an economical thermoplastic constructed butterfly valve ideal for chemical and wastewater applications. A one-piece body design incorporates fully supported flanged bolt holes to prevent stressing of the mating pipe flanges. Series PBFV valves feature a blowout proof SS stem and a unique, full body liner that has a V-notch retention design that assures positive sealing of the liner to the valve body. An integrally molded face seal provides positive sealing against the mating flange without the need for additional gaskets. Plastic construction gives this valve superior corrosion resistance and the valves will not contaminate sensitive fluids that come into contact with them.

### SPECIFICATIONS

- **Service:** Compatible liquids and gases.
- **Line Size:** 2" to 10".
- **Body Style:** Wafer.
- **End Connections:** Flange, to be used with flanges that are ANSI class 150 dimensions.
- **Pressure Limit:** 150 psi (10.3 bar).
- **Wetted Materials:** Body material: PP; H; Disc: PVC or CPVC; Liner and seals: FPM or EPDM; Stem: 316 SS.
- **Temperature Limits:** PVC: 150°F (66°C); CPVC: 215°F (102°C).
- **Operator:** L at end of model number denotes locking hand lever. G at end of model number denotes manual gear.

### Series MGO Gear Operator

**Rugged, Cast Iron Housing**

The Series MGO Gear Operators offer heavy-duty on/off or throttling service for valves or dampers, including our BFV Series butterfly valves. These gear operators are self-lubricated for smooth, trouble-free operation. The rugged, cast iron body with an engraved body seals is weatherproof. A self-locking worm and gear mechanism holds the valve in the desired position. Features include a readily accessible hand wheel, a valve position indicator, and corrosion resistance and the valves will not contaminate sensitive fluids that come into contact with them.