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 flange pipes. Series PBFV valves feature a blowout-proof stainless steel 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.

FEATURES
• Ideal corrosion resistant butterfly valve for chemical and wastewater applications
• Easily fitted into metal piping system
• Blowout-proof shaft
• Full body liner seal

### 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 PBFV Thermoplastic Butterfly Valve

One-Piece Body, Wafer Design

### specifications

<table>
<thead>
<tr>
<th>Valve Size</th>
<th>DIM A</th>
<th>DIM B</th>
<th>DIM C</th>
<th>DIM D</th>
<th>DIM E</th>
<th>DIM F</th>
<th>DIM G</th>
<th>DIM H</th>
<th>DIM K</th>
<th>DIM L</th>
<th>DIM M</th>
<th>DIM N</th>
<th>Holes</th>
<th>Weight lb (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 IN</td>
<td>7-5/64</td>
<td>5-9/16</td>
<td>4-23/32</td>
<td>4-3/8</td>
<td>3-31/64</td>
<td>3-53/64</td>
<td>3-33/64</td>
<td>4-13/32</td>
<td>5-5/16</td>
<td>4-19/32</td>
<td>2-3/4</td>
<td>2-3/4</td>
<td>14</td>
<td>2.0</td>
</tr>
<tr>
<td>3 IN</td>
<td>9-5/8</td>
<td>7-31/64</td>
<td>5-23/32</td>
<td>5-11/16</td>
<td>4-31/64</td>
<td>4-31/64</td>
<td>4-33/64</td>
<td>5-13/32</td>
<td>6-5/16</td>
<td>5-23/32</td>
<td>3-3/4</td>
<td>3-3/4</td>
<td>14</td>
<td>2.7</td>
</tr>
<tr>
<td>4 IN</td>
<td>10-3/8</td>
<td>9-11/16</td>
<td>6-5/8</td>
<td>6-3/8</td>
<td>5-3/8</td>
<td>5-31/64</td>
<td>5-31/64</td>
<td>5-33/64</td>
<td>6-5/16</td>
<td>6-31/32</td>
<td>4-3/4</td>
<td>4-3/4</td>
<td>14</td>
<td>3.6</td>
</tr>
<tr>
<td>6 IN</td>
<td>11-3/16</td>
<td>9-3/8</td>
<td>7-29/32</td>
<td>7-11/16</td>
<td>6-31/32</td>
<td>6-31/32</td>
<td>6-33/32</td>
<td>7-13/32</td>
<td>8-11/16</td>
<td>7-31/32</td>
<td>5-13/32</td>
<td>5-13/32</td>
<td>14</td>
<td>6.1</td>
</tr>
<tr>
<td>10 IN</td>
<td>14-7/8</td>
<td>12-1/4</td>
<td>9-35/64</td>
<td>9-35/64</td>
<td>8-7/8</td>
<td>8-7/8</td>
<td>8-7/8</td>
<td>9-1/8</td>
<td>10-3/4</td>
<td>9-1/8</td>
<td>7-11/16</td>
<td>7-11/16</td>
<td>14</td>
<td>37</td>
</tr>
</tbody>
</table>

**Model Numbers:**
- PBFV-202L312L PVC
- PBFV-202L311L PVC
- PBFV-203L312L PVC
- PBFV-203L311L PVC
- PBFV-204L312L PVC
- PBFV-204L311L PVC
- PBFV-206L312L PVC
- PBFV-206L311L PVC
- PBFV-208L312L PVC
- PBFV-208L311L PVC
- PBFV-210L312L PVC
- PBFV-210L311L PVC

**Disc Material:**
- PVC
- FPM
- EPDM

**Seal:**
- EPDM
- FPM
- EPDM

**Pressure Limits:**
- 150 psi (10.3 bar)
- 215°F (102°C)