**BUTTERFLY VALVES - 250 PSI**

*NSF372 • Lug Design • Ductile Iron Body • Extended Neck
Bi-Directional • Molded Seat • ISO Mounting Pad • Gear Operator

**SIZE 10” - 12”**

**STANDARDS:** MSS SP-67 & API-609 Cat. A  
**END CONNECTION:** ANSI CL 125/150 FLANGES  
**WALL THICKNESS:** KITZ STD

---

**MATERIAL LIST**

<table>
<thead>
<tr>
<th>NO.</th>
<th>NAME OF PART</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BODY</td>
<td>DUCTILE IRON (A536 Gr. 65-45-12)</td>
</tr>
<tr>
<td>3</td>
<td>STEM</td>
<td>STAINLESS STEEL (A276, Type 410; AISI Type 329)</td>
</tr>
<tr>
<td>4</td>
<td>DISC</td>
<td>DUCTILE IRON, AL. BRONZE, AND 316 SS</td>
</tr>
<tr>
<td>16A/B</td>
<td>NAME PLATE</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>35</td>
<td>END PLATE BOLTS</td>
<td>CARBON STEEL</td>
</tr>
<tr>
<td>36</td>
<td>GLAND PLATE BOLTS</td>
<td>STAINLESS STEEL</td>
</tr>
<tr>
<td>45A/B</td>
<td>O-RING</td>
<td>NBR/EPDM</td>
</tr>
<tr>
<td>60</td>
<td>KEY (12”)</td>
<td>CARBON STEEL</td>
</tr>
<tr>
<td>67A/B/C</td>
<td>STEM BEARING</td>
<td>METAL BACKED PTFE</td>
</tr>
<tr>
<td>99</td>
<td>SET BOLTS</td>
<td>CARBON STEEL</td>
</tr>
<tr>
<td>102</td>
<td>GEAR UNIT</td>
<td>STAINLESS STEEL (A276, TYPE 410; AISI Type 329)</td>
</tr>
<tr>
<td>103</td>
<td>BOTTOM STEM</td>
<td>STAINLESS STEEL (A276, TYPE 410; AISI Type 329)</td>
</tr>
<tr>
<td>106</td>
<td>SEAT RUBBER (2)</td>
<td>NBR/EPDM</td>
</tr>
<tr>
<td>144</td>
<td>GLAND PLATE</td>
<td>CARBON STEEL</td>
</tr>
<tr>
<td>145A/B</td>
<td>SPRING WASHER</td>
<td>CARBON STEEL</td>
</tr>
<tr>
<td>147</td>
<td>END PLATE</td>
<td>CARBON STEEL</td>
</tr>
</tbody>
</table>

(1) Line scribed on top of the stem indicates the disc position
(2) Vulcanized to the Body

---

**DIMENSIONS**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>d</th>
<th>D</th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>D1</th>
<th>L1</th>
<th>Water Lag</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td></td>
<td>9.72</td>
<td>12.28</td>
<td>14.25</td>
<td>15</td>
<td>11.97</td>
<td>8.62</td>
<td>2.69</td>
<td>9.84</td>
</tr>
<tr>
<td>mm</td>
<td>250</td>
<td>247</td>
<td>312</td>
<td>362</td>
<td>381</td>
<td>304</td>
<td>219</td>
<td>68.3</td>
<td>250</td>
</tr>
<tr>
<td>in.</td>
<td></td>
<td>11.65</td>
<td>14.33</td>
<td>17.00</td>
<td>15.98</td>
<td>12.95</td>
<td>9.61</td>
<td>3.06</td>
<td>9.84</td>
</tr>
<tr>
<td>mm</td>
<td>300</td>
<td>296</td>
<td>364</td>
<td>432</td>
<td>406</td>
<td>329</td>
<td>244</td>
<td>77.7</td>
<td>250</td>
</tr>
</tbody>
</table>

For gear operator details, refer to page 24.

---

**NOTE:**

KITZ lug style butterfly valves are rated for bi-directional dead end service to full working pressure of the valve with the downstream flange removed. In dead end service exceeding 96 hours, a downstream flange is recommended.

*Butterfly valves with AlBrz or SS disc conform with lead content requirements for “lead free” plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act. These products further conform with the requirements of NSF/ANSI Standard 372.*

Code # 6113 (B/E) G
Disc: Ductile Iron (A536 + ENP)

Code # 6123 (B/E) G
Disc: Aluminum Bronze* (C95400)

Code # 6133 (B/E) G
Disc: 316 SS* (A351 Gr. CF8M)