Granular Valves

GL valves are specially designed for gravity feeding and pneumatically conveying granular products. The configuration of the body and rotor has been developed specifically to minimize degradation whilst retaining the best possible pocket filling efficiency.

GL Valves come in 5 sizes, covering a capacity range from approximately .18 to 2.8 CFR at 100% filling.

Product Information

Three different body configurations are available: all stainless steel, stainless steel body with aluminum end covers, and an all aluminum design. The aluminum configurations are anodized.

The full end disc rotor is made of 316 stainless steel. The end covers have outrigged ball bearings and the shaft is sealed with gland packings. The construction of the inlet minimizes chopping of the product.

Standard models are suitable for handling products up to a temperature of 302°F and a maximum pressure differential of 21.75 PSI. Other options are available on request.
GRANULAR (GL) VALVE

FEATURES:
- Maximum protection against product degradation
- High filling efficiency
- Large air vent openings
- Robust construction
- Available with direct drive or chain driven
- Flanges drilled in accordance with PN 10, ANSI 150 lbs. and JIS
- Versions conforming to ATEX 94/9/EC available

<table>
<thead>
<tr>
<th>Type GL</th>
<th>U</th>
<th>V</th>
<th>X</th>
<th>Z</th>
<th>AA</th>
<th>BB</th>
<th>CC</th>
<th>DD</th>
<th>EE</th>
<th>FF</th>
<th>GG</th>
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<tr>
<td>150</td>
<td>3xM6</td>
<td>4xM10</td>
<td>⅜&quot; BSP</td>
<td>0.190 x 0.08</td>
<td>1.46</td>
<td>2.07</td>
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<td>0.31</td>
<td>1.18</td>
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<td>1.38</td>
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<td>3xM8</td>
<td>4xM12</td>
<td>½&quot; BSP</td>
<td>0.237 x 0.08</td>
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<td>2.52</td>
<td>1.26</td>
<td>0.39</td>
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<td>1.38</td>
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<tr>
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<td>6xM12</td>
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<td>2.52</td>
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* Option: Vent pipe