About us

Bestobell Marine are specialist designers and manufacturers of cryogenic valves for the transportation, storage and processing of Liquid Natural Gas (LNG) supported by agents and distributors around the globe. Bestobell valves are already handling LNG all over the world on...

• LNG cargo carriers
• LNG receiving terminals
• Static storage tanks
• ISO tanks
• Road trailers

At Bestobell we are passionate about on-time delivery, supplying what our customers require, at the time they require it.

For more information on our complete cryogenic range of globe, gate, ball, relief and pressure regulator valves suitable for downstream LNG applications, visit www.bestobellvalves.com

Bestobell Marine is part of President Engineering Group Ltd, an international group focused on flow technologies supplying the gas, industrial gas, mining and marine industries from dedicated valve manufacturing facilities in Sheffield UK, India and a distribution operation in the U.S.A.

www.bestobellvalves.com

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LNG03-2011-500
50 years’ experience in cryogenic valves

- Bestobell Valves have been manufacturing cryogenic valves for over fifty years. We have a reputation for product innovation, product reliability and engineering excellence, so much so that there are cryogenic valves still in regular use despite being installed fifty years ago.
- Through Bestobell Marine we are applying the knowledge and experience built up in industrial gas cryogenics to the marine industry.
- Once the valves are in use, Bestobell Marine offers worldwide service support. For example, on LNG Carriers we work with the ship operator and carry out planned maintenance to a tight schedule while the vessel is in dry dock.

Bestobell Marine Product Range

<table>
<thead>
<tr>
<th>Valve Type</th>
<th>Cryogenic Needle Globe Valves</th>
<th>Cryogenic Manual Globe Valves</th>
<th>Cryogenic Actuated Globe Valves</th>
<th>Cryogenic Swing Check Valves</th>
<th>Cryogenic Lift Check Valves</th>
<th>Float Level Isolation Valves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure rating</td>
<td>Class 150</td>
<td>Class 150 and Class 300 (up to DN100)</td>
<td>Class 150 and Class 300 (up to DN100)</td>
<td>Class 150 and Class 300 (up to DN100)</td>
<td>Class 150 and Class 300 (up to DN100)</td>
<td>Class 150</td>
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<tr>
<td>Size range</td>
<td>DN15 - DN25 1/2&quot; - 1&quot;</td>
<td>DN15 - DN300 1/2&quot; - 12&quot;</td>
<td>DN15 - DN300 1/2&quot; - 14&quot;</td>
<td>DN15 - DN300 1&quot; - 14&quot;</td>
<td>DN15 - DN300 1/2&quot; - 12&quot;</td>
<td>DN200 - DN300 8&quot; - 12&quot;</td>
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<tr>
<td>End connections</td>
<td>Butt weld or flanged</td>
<td>Butt weld or flanged</td>
<td>Butt weld or flanged</td>
<td>Butt weld or flanged</td>
<td>Butt weld or flanged</td>
<td>Flanged</td>
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<tr>
<td>Configurations</td>
<td>Metal to metal seat, fire-safe design, extended stem</td>
<td>Metal to metal seat, fire-safe design, extended stem</td>
<td>Hydraulic motor driven or pneumatic actuators. Available as throttling, On/Off or Emergency Shut Down (ESD)</td>
<td>Metal to metal or soft seat, fire-safe design</td>
<td>Metal to metal seat, fire-safe design</td>
<td>Specifically designed for use with the secondary float level gauge (shown in picture) on LNG Cargo Carriers</td>
</tr>
<tr>
<td>Materials of construction</td>
<td>Austenitic stainless steel, graphite packings and reinforced graphite gasket</td>
<td>Austenitic stainless steel, graphite packings and reinforced graphite/spiral wound gasket</td>
<td>Austenitic stainless steel PCTFE seal/metal to metal seal, graphite packings</td>
<td>Austenitic stainless steel, graphite packings and reinforced graphite/spiral wound gasket</td>
<td>Austenitic stainless steel, graphite packings and reinforced graphite/spiral wound gasket</td>
<td>Austenitic stainless steel PTFE seal, graphite packings</td>
</tr>
<tr>
<td>Applications</td>
<td>LNG cargo carriers sampling and purging, Mid and small scale LNG systems, Mid and small scale LNG facilities, LNG Trailers, LNG ISO tanks, LNG storage tanks, LNG marine fuel systems.</td>
<td>LNG cargo carrier’s cargo containment system, Mid and small scale LNG systems, LNG small scale liquefaction and regasification, LNG trailers, LNG ISO tanks, LNG storage tanks, LNG marine fuel systems.</td>
<td>LNG cargo carrier’s cargo containment system, LNG small scale liquefaction and regasification, LNG trailers, LNG ISO tanks, LNG storage tanks, LNG marine fuel systems.</td>
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<td>LNG cargo carrier’s cargo containment system, LNG small scale liquefaction and regasification, LNG trailers, LNG ISO tanks, LNG storage tanks, LNG marine fuel systems.</td>
<td>The unique Float Level Isolation Valves to improve operational procedures and eliminate the current tape-cutting and float damage problems on the secondary float level gaging system of the cargo tanks on LNG cargo carriers (LNGCC)</td>
</tr>
</tbody>
</table>

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