

Worldwide distribution



The LNG Valve Range

About us

Bestobell LNG 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 LNG is a part of the Flow Group, an international group focused on flow technologies supplying the oil and gas, industrial gas, mining and marine industries from dedicated valve manufacturing facilities in Sheffield, Leeds, Newcastle and Hull, UK.

www.bestobell-lng.com

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... your cryogenic valve partner



specified by those who plan for safety

Sampling Purging Transportation

Storage tanks
LNG Cargo Carriers



Zero Leakage
Supreme safety
Low Maintenance



40 years' experience in cryogenic valves

Bestobell Valves have been manufacturing cryogenic valves for over forty 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 forty years ago.








Through Bestobell LNG we are applying the knowledge and experience built up in industrial gas cryogenics to hydrocarbon cryogenics;

- The unique new Float Level Isolation Valves to improve operational procedures and eliminate the current tape-cutting and float damage problems on the secondary float level gauging system of the cargo tanks on LNG cargo carriers (LNGCC's)
- A complete product range for LNGCC's that meets the requirements of the new SIGTTO Guide to the Selection and Testing of Valves for LNG Applications
- The world's most developed cryogenic globe valve headworks design for zero leakage and supreme safety - including Bestobell's unique loose flange bolted bonnet that allows for thermal expansion and contraction and eliminates leakage at the bonnet gasket
- The proven needle globe valve range for sampling and purging lines on LNG cargo carriers, LNG storage and LNG process

Once the valves are in use, Bestobell LNG offers worldwide service support. For example, on the LNGCC's we work with the ship operator and carry out planned maintenance to a tight schedule while they are in dry dock.



Product range

	Bestobell LNG Product Range						
Valve Type	Cryogenic Needle Globe Valves	Cryogenic Manual Globe Valves	Cryogenic Actuated Globe Valves	Cryogenic Swing Check Valves	Cryogenic Lift Check Valves	Cryogenic Flange Joints	Float Level Isolation Valves
							
Pressure rating	Class 150	Class 150	Class 150	Class 150	Class 150	Class 150 300	Class 150
Size range	DN15 - DN25 1/2" - 1"	DN25 - DN300 1" - 12"	DN25 - DN300 1" - 12"	DN25 - DN350 1" - 14"	DN15 - DN300 1/2" - 12"	DN15 - DN50 1/2" - 2"	DN200 - DN300 8" - 12"
End connections	Butt weld or flanged	Butt weld or flanged	Butt weld or flanged	Butt weld or flanged	Butt weld or flanged	Butt weld	Flanged
Configurations	Metal to metal seat, fire-safe design, extended stem	Metal to metal seat, fire-safe design, extended stem	Hydraulic motor driven or pneumatic actuators. Available as throttling, On/Off or Emergency Shut Down (ESD)	Metal to metal or soft seat, fire-safe design	Metal to metal seat, fire-safe design	fire-safe design	Specifically designed for use with the secondary float level gauge (shown in picture) on LNG Cargo Carriers
Materials of construction	Austenitic stainless steel, graphite packings and reinforced graphite gasket	Austenitic stainless steel, graphite packings and reinforced graphite/spiral wound gasket	Austenitic stainless steel PTFE seal, graphite packings	Austenitic stainless steel, graphite packings and reinforced graphite/spiral wound gasket	Austenitic stainless steel, graphite packings and reinforced graphite/spiral wound gasket	Austenitic stainless steel and reinforced graphite gasket	Austenitic stainless steel PTFE seal, graphite packings