

## FIRE SAFE STAINLESS STEEL ON/OFF GLOBE VALVES

Outside Screw & Yoke – OS&Y  
**LIQUEFIED NATURAL GAS**  
**CLASS 150**  
Bolted Bonnet – Extended  
DN25 - 80 (1" - 3")

Bestobell Valves have been manufacturing cryogenic valves for over forty years. We have a reputation for product innovation, product reliability and engineering excellence.

### Description

Class 150 Stainless Steel extended stem globe valve with bolted bonnet and integral metal seat. Available with butt weld and flanged ends, the valve has a conical seat design for tight shut off. The bolted bonnet allows for simple site maintenance, with easy access to the serviceable parts of the valve.

ISO 9001 accreditation  
General design in accordance with BS6364  
Flanged end connections to ANSI B16.5  
Butt Weld end connections to ANSI B16.25  
Shell minimum wall thickness in accordance with B16.34  
Optional full material traceability backed by BSEN 10204 3.1 / 3.2 Certification

### Features and Benefits

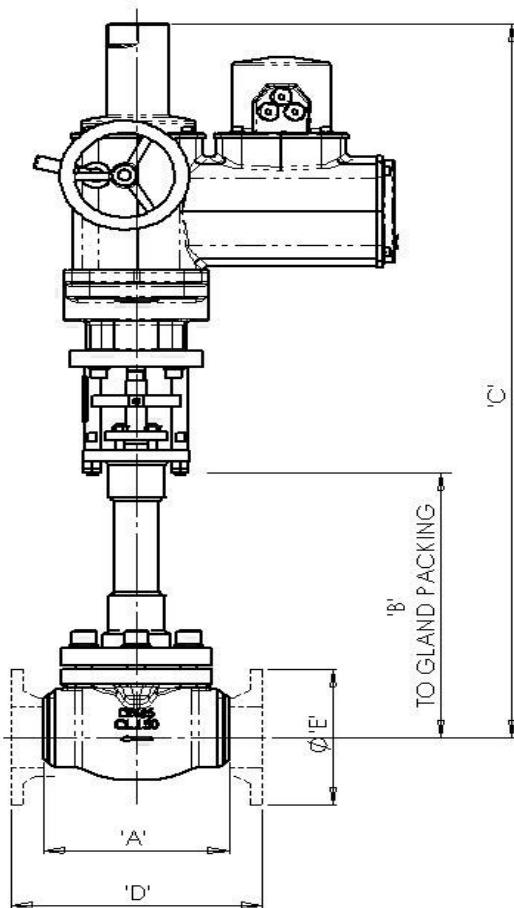
- Designed and manufactured for use with LNG, LPG and other flammable gas service
- Temperature range -196°C to +80°C
- 316 Stainless Steel construction for marine applications
- Fire safe approved to BS EN ISO 10497:2004
- Loose bolted bonnet design allows for thermal expansion and contraction and eliminates leakage at the bonnet gasket
- Anti-blow out stem for operator safety
- Actuator supplied to customer's specifications designed for marine applications
- Bolted bonnet allows for simple site maintenance, with easy access
- Disc profile engineered to enhance throttling flow characteristics
- The disc is securely fixed to a non-rotating rising stem, reducing operational noise



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### Materials

Body	SS ASTM A351 CF3M/CF8M
Bonnet Weld Assy.	SS ASTM A351 CF3M SS ASTM A312 /316L BS EN10088-3 1.4404 (316L SS)
Loose Bonnet Flange	SS ASTM A351 CF8M
Stem	BS EN10088-3 1.4401 (316 SS)
Disc	BS EN10088-3 1.4401 (316 SS)
Gland Packing	Carbon / Graphite
Gasket	SS Reinforced Graphite
Fasteners	SS Gr. A4-80 BS6105 Type 316

### Construction

Bolted bonnet / loose bonnet flange  
Extended for cryogenic service  
Flanged or butt weld ends  
Metal to metal seats  
Actuator c/w manual override

### Specifications

Class 150

	'A'	'B'	'C'	'D'	'E'	BW / SCHD	WEIGHT (Kg)	CV US GPM
DN25	140	250	766	N/A	N/A	10/40	32	13.2
DN40	121	250	766	N/A	N/A	10/40	45	26.5
DN50	146	300	815	N/A	N/A	10/40	50	43
DN65 (Flanged)	178	300	815	216	178	10/40	65	68
DN80	181	300	815	N/A	N/A	10/40	75	98

Bestobell LNG has a continuing policy of product improvement and as such the above details are subject to change at any time and without notice. Please contact Bestobell LNG for current information.

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