

FIRE SAFE STAINLESS STEEL THROTTLING GLOBE VALVES

Outside Screw & Yoke – OS&Y
LIQUEFIED NATURAL GAS

CLASS 150

Bolted Bonnet – Extended
DN25 – DN65 (1" – 2 ½")

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 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



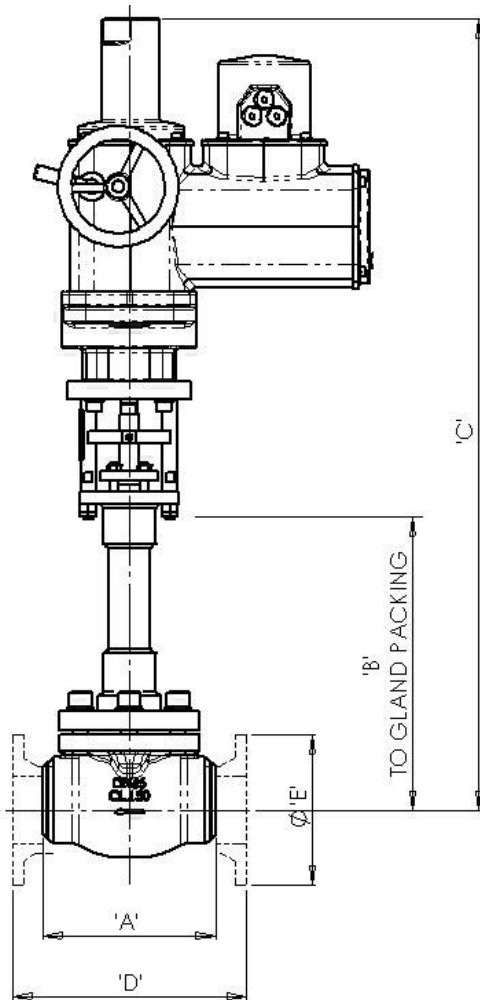
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Materials

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 Stem 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' Ø	BW / SCHD	WEIGHT (Kg's)	CV US GPM
DN25 (Flanged)	N/A	250	766	140	108	N/A	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
DN50 (Flanged)	N/A	300	815	203	152	N/A	55.5	43
DN65	178	300	815	N/A	N/A	10/40	65	68

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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