

FIRE SAFE STAINLESS STEEL MANUAL GLOBE VALVES

Outside Screw & Yoke – OS&Y
LIQUEFIED NATURAL GAS
CLASS 150

Bolted Bonnet – Extended Stem
DN40 – DN80 (1½" – 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

Nonferrous pipe flanges to ANSI B16.31

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

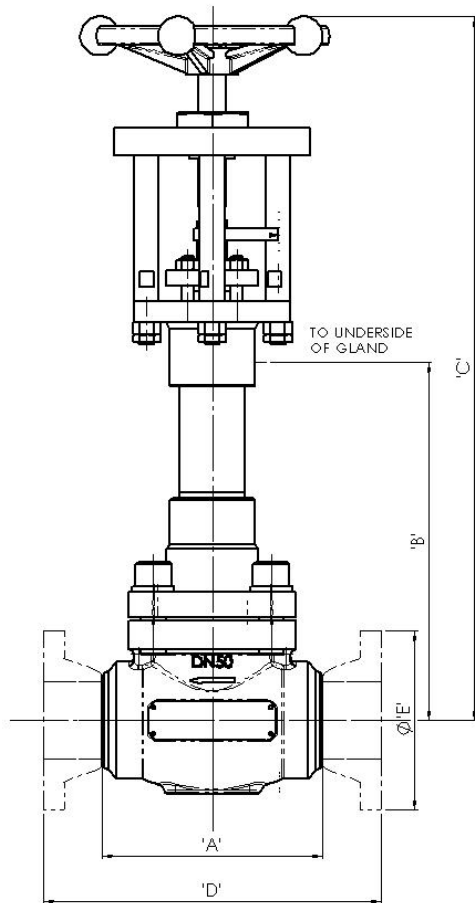
- Designed and manufactured for use with LNG, LPG and other flammable gas service.
- Temperature range -196°C to +80°C
- 316 Stainless Steel construction for marine applications
- Fire safe approved to BS EN ISO 10497:2004
- Loose bolted bonnet design allows for thermal expansion and contraction and eliminates leakage at the bonnet gasket.
- Anti-blow out spindle for operator safety
- The disc is securely fixed to a non-rotating rising stem, reducing operational noise
- Quick removal of headworks allows fast/easy maintenance.



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Materials

Body	ASTM A351 CF8M Stainless Steel
Cover	ASTM A351 CF3M Stainless Steel
Loose Bonnet Flange	ASTM A351 CF8M Stainless Steel
Disc	ASTM A351 CF8M Stainless Steel
Stem	BS EN 10088-3 1.4401 (316 SS)
Gland Packing	Carbon/Graphite
Gasket	SS Reinforced Graphite
Fasteners	BS6105 A4 Gr.80 Stainless Steel

Construction

Bolted bonnet / loose bonnet flange
 Extended stem for cryogenic service
 Flanged or Butt welded ends
 Metal to Metal seats

Specifications

Valve size mm	A	B	D	ØE	BW/SC HD	WEIGHT (Kg)	CV US GPM
DN40	121	250	N/A	N/A	10/40	18	26.5
DN50	146	300	N/A	N/A	10/40	20	43
DN65	178	300	N/A	N/A	10/40	25	68
DN80	241	300	N/A	N/A	10/40	35	98
DN80 (Flanged)	N/A	300	241	190.5	N/A	50	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.