

# GLOBE VALVE LGL Series

## Cast Iron

Flanged End With Handwheel



### MAIN FEATURES

- Straight Pattern
- Bolted – Bonnet
- OS&Y (Outside Screw & Yoke) Type
- Rising Stem
- Seat Type : Renewable Seat
- Disc Type : Renewable Disc
- The valve is designed in such a way that the disc can be lifted high to avoid any obstruction in the path of flow of the fluid.
- The smooth & streamlined shape of the flow path inside the valve body & high lifting of the disc results in very low pressure drop.
- Design Standard : BS 5152
- Flanged Ends : BS 4504 (PN 16)
- Flange Facing : Raised face smooth finish\*
- Maximum Working Temperature = 220°C
- Application Suitable for: Water, Steam

**Note :** \*Other flange facings available on request.

### Material of Construction

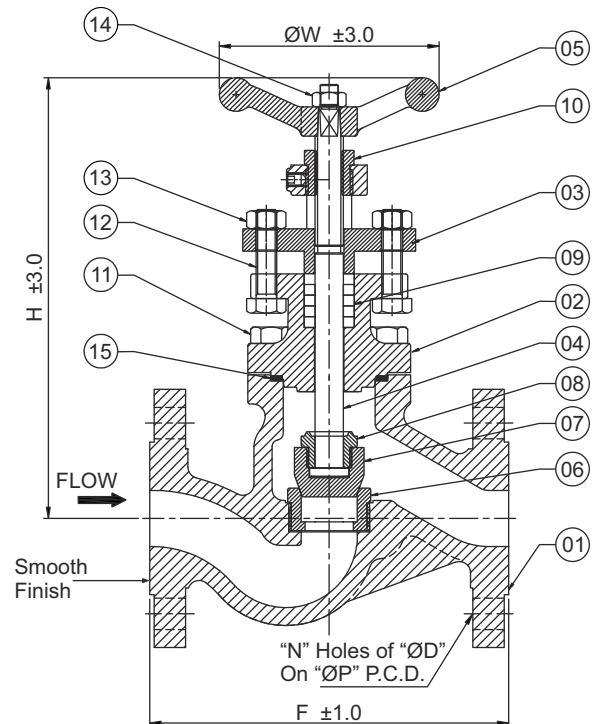
Sr. No.	Description	Materials	Qty.
1	Body	Cast Iron	1
2	Bonnet	Cast Iron	1
3	Gland Flange	Cast Iron	1
4	Stem	S.S.410	1
5	Handwheel	Cast Iron	1
6	Seat	S.S.410	1
7	Plug	S.S.410	1
8	Plug Nut	S.S.410	1
9	Stem Packing	Braided Graphite	5
10	Yoke Bush	Aluminum Bronze	1
11	Hex Bolt	M.S. Zinc Plated	REQ.
12	Hex Bolt	M.S. Zinc Plated	2
13	Hex Nut	M.S. Zinc Plated	2
14	Hex Nut	M.S. Zinc Plated	1
15	Gasket	C.A.F. IS 2712 GR W/3	1

### Dimensions

Model	Size (mm)	Size (Inch)	F	ØD	N	ØP	H	ØW
LGL01AFSCI	25	1	160	14	4	85	196	98
LGL15AFSCI	40	1.5	200	18	4	110	229	160
LGL02AFSCI	50	2	230	18	4	125	250	160
LGL25AFSCI	65	2.5	290	18	4	145	262	203
LGL03AFSCI	80	3	310	18	8	160	287	203

### Test Pressure

Hydrostatic Shell Test	24 bar
Hydrostatic Seat Test	17.6 bar
Hydrostatic Backseat Test	17.6 bar
Max. Working Pressure	16 bar @ ambient temp.
Max. Working Pressure	13 bar @ 220°C (Steam)



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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.

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