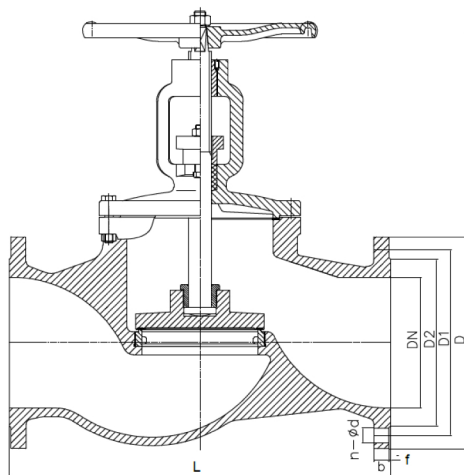


# Robinet à soupape

## DIN GLOBE VALVE

Globe Valves are commonly used as an on/off valve, but they may be used for throttling systems. The gradual change in spacing between the disk and seat ring gives the globe valve good throttling ability. These linear motion valves can be used in a variety of applications as long as the pressure and temperature limits are not exceeded, and the process does not require special materials to combat corrosion.



No.	Part Name	Material	Standard
1	Body	Cast Iron	EN-GJL-250
2	Disc	Stainless Steel	X20Cr13/AISI 304
3	Disc Nut	Carbon Steel	Commercial
4	Stem	Stainless Steel	X20Cr13
5	Gasket	Graphite + Stainless Steel	Graphite + AISI 304
6	Bonnet	Cast Iron	EN-GJL-250
7	Bonnet Bolt	Carbon Steel	Commercial
8	Bonnet Nut	Carbon Steel	Commercial
9	Stem Packing	Graphite	Flexible Graphite
10	Gland Flange	Carbon Steel	Commercial
11	Stem Nut	Copper Alloy	C26000
12	Lock Nut	Carbon Steel	Commercial
13	Hand Wheel	Cast Iron	EN-GJL-250

### Specification

1. Design: DIN3356/EN13789
2. Face to Face: DIN3202-F32 / BS EN558-1
3. Flanges: DIN2532/2533 / EN1092-2
4. Size Range: DN15-300
5. Pressure Rate: 1.6 MPa
6. Coating: High temperature paint spraying
7. Working Temp.: -20 °C ~ 220 °C

### Features

1. Globe valves, so-called because of their outside shape, are widely used in plant piping. It's suitable for high temperature usage and for manual and automatic operation.
2. Compared with a gate valve or ball valve, the globe valve has considerably higher pressure loss in the fully open position.

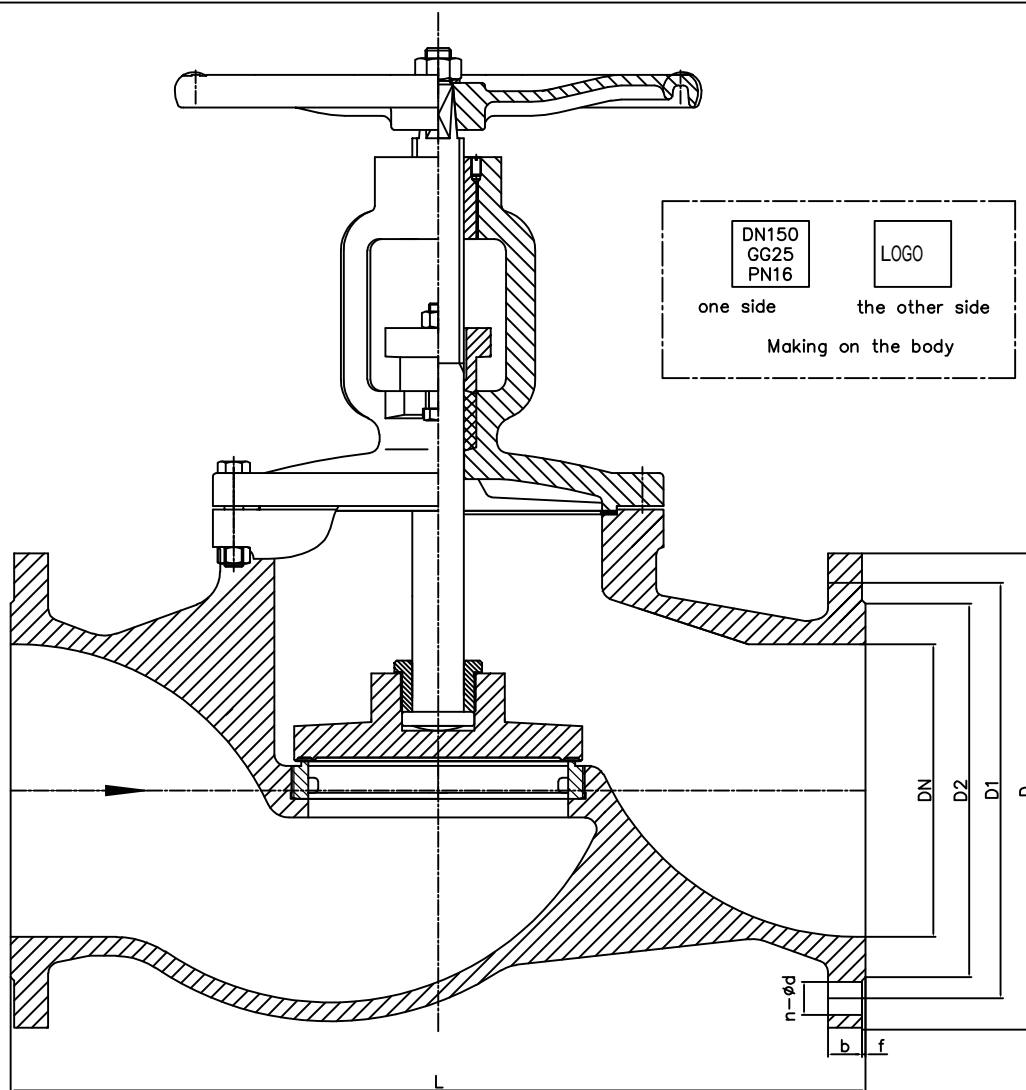
3. By simply rotating the hand wheel, the rate at which the commodity flows through the valve can be adjusted to any desired level.
4. Globe valves can be used for both gas and liquid systems.
5. The disk, valve stem, and the hand wheel are the moving parts in the valve body.
6. The body is available in three different designs depending on the application as well as three different types of disks.

### Dimensions (mm)

Size	L	D	D1	D2	n- $\phi$ d	b	f
DN15	130	95	65	45	4- $\phi$ 14	14	2
DN20	150	105	75	55	4- $\phi$ 14	16	2
DN25	160	115	85	65	4- $\phi$ 14	16	2
DN32	180	135	100	78	4- $\phi$ 14	18	2
DN40	200	145	110	85	4- $\phi$ 18	18	2
DN50	230	160	125	100	4- $\phi$ 18	20	3
DN65	290	180	145	120	4- $\phi$ 18	20	3
DN80	310	195	160	135	4- $\phi$ 18	22	3
DN100	350	215	180	155	4- $\phi$ 18	24	3
DN125	400	245	210	185	4- $\phi$ 18	26	3
DN150	480	280	240	210	8- $\phi$ 23	28	3
DN200	600	335	295	265	12- $\phi$ 23	30	3
DN250	730	405	355	320	12- $\phi$ 28	32	3
DN300	850	460	410	378	12- $\phi$ 28	32	3

### Applications:

1. Boiling water systems
2. Steam boilers and steam systems
3. Pressurized air systems
4. Chemical
5. Ammonia and oil transfer



DIN Cast Iron Globe Valve PN16 RF

DN15–DN50: press seal ring

DN65–DN200: screw seal ring

Size	Main Dimension (mm)								
	DN	d	D	D1	D2	b	f	n-ød	L
15	13	95	65	45	14	2	4-ø14	130	120
20	19	105	75	55	16	2	4-ø14	150	140
25	25	115	85	65	16	2	4-ø14	160	160
32	31	135	100	78	18	2	4-ø18	180	180
40	d	145	110	85	18	2	4-ø18	200	200
50	13	160	125	100	20	3	4-ø18	230	220
65	19	180	145	120	20	3	4-ø18	290	240
80	25	195	160	135	22	3	8-ø18	310	280
100	31	215	180	155	24	3	8-ø18	350	300
125	19	245	210	185	26	3	8-ø18	400	320
150	25	280	240	210	28	3	8-ø23	480	350
200	31	335	295	265	30	3	12-ø23	600	400

Class	1.6MPa
Shell	2.4MPa
Seat Test(water)	1.8MPa
Seat Text(air)	0.6MPa
Suitable Temp.	-10–120°C
Suitable Medium	W.O.G

Technical Specification

- 1.Design: BS EN13798–2010;
- 2.Length: BS EN558–1;
- 3.Flange: BS EN1092–2 PN16;
- 4.Inspection: BS EN12266

Hand Wheel	EN–GJL250
Lock Nut	Carbon Steel
Stem Nut	Copper Alloy
Gland Flange	Carbon Steel
Stem Packing	Flexible Graphite
Bonnet Nut	Carbon Steel
Bonnet Bolt	Carbon Steel
Bonnet	Cast iron/GG25/EN–GJL–250
Winded Gasket	Graphite+SS304
Stem	X20Cr13
Disc Nut	Carbon Steel
Disc	X20Cr13/SS304
Body	Cast iron/GG25/EN–GJL–250
Part	Material