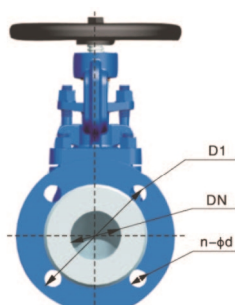
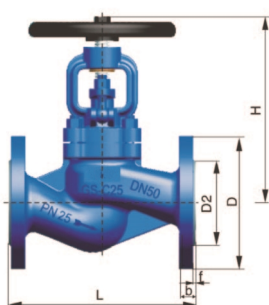
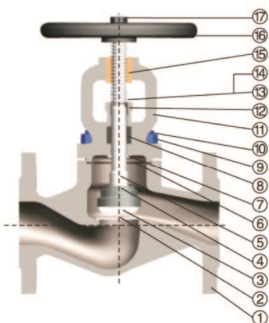


FLOTECS
Fluid/Flue solutions®

GLOBE VALVE

GLOBE VALVE



TECHNICAL SPECIFICATION

Design standard: DIN 3356
 Face to face dimension: DIN 3202
 Flanged ends: DIN 2543-2545
 Test & inspection: DIN 3230

APPLICATION

Petroleum, chemical industry, pharmacy, fertilizer, power industry etc.

PERFORMANCE SPECIFICATION

NO.	Part name	Material
1	Body	GS-C25, 1.4301, 1.4401
2	Seat	1.4301, Stellite
3	Disc	1.4021, 1.4301+ Stellite
4	Cap	1C45, 1.4301, 1.4401
5	Stem	1.4021, 1.4301, 1.4401
6	Metal gasket	Stainless steel
7	Back seal	1.4021, 1.4301
8	Packing	Flexible graphite
9	Nut	ASTM 194-2H, A194-8
10	Double-headed bolt	ASTM 193-B7, A193-B8
11	Cover	GS-C25, 1.4301, 1.4401
12	Gland	GS-C25, 1.4301
13	Jack bolt	ASTM 193-B7, A193-B8
14	Nut	ASTM 194-2H, A194-8
15	Stem nut	Copper alloy, D2, BL2
16	Hand wheel	Carbon steel
17	Nut	A194-2H, A194-8

ADVANTAGE

1. Double seal design(bellows+packing). Bellow and packing can protect against leakage and provide an excellent seal.
2. Ergonomic hand wheel. It provides longer service life and easier operation.
3. Heat-treatment and nitrogen treatment. After these measures, the stem will have the function of corrosion-resistance and friction-resistance.

PERFORMANCE SPECIFICATION

Nominal Pressure		PN	Mpa
Test Pressure	Strength test	1.5PN	
	Sealing test	1.1PN	
	Gas seal test	0.6	
Suitable temp		--	-196°C~600°C

MAIN CONNECTION SIZES

DN	PN 16							
	Main connection size							
	L	D	D1	D2	b	f	H	n-Φd
15	130	95	65	45	16	2	181	4-Φ14
20	150	105	75	58	18	2	181	4-Φ14
25	160	115	85	68	18	2	195	4-Φ14
32	180	140	100	78	18	2	215	4-Φ18
40	200	150	110	88	18	3	220	4-Φ18
50	230	165	125	102	20	3	225	4-Φ18
65	290	185	145	122	20	3	260	4-Φ18
80	310	200	160	138	20	3	275	8-Φ18
100	350	220	180	158	20	3	335	8-Φ18
125	400	250	210	188	22	3	390	8-Φ18
150	480	285	240	212	22	3	405	8-Φ22
200	600	340	295	268	24	3	520	12-Φ22
250	730	405	355	320	26	3	610	12-Φ26
300	850	460	410	378	28	4	660	12-Φ26
350	980	520	470	438	30	4	970	16-Φ26
400	1100	580	525	490	32	4	1055	16-Φ30
DN	PN 25							
	Main connection size							
	L	D	D1	D2	b	f	H	n-Φd
15	130	95	65	45	16	2	181	4-Φ14
20	150	105	75	58	18	2	181	4-Φ14
25	160	115	85	68	18	2	195	4-Φ14
32	180	140	100	78	18	2	215	4-Φ18
40	200	150	110	88	18	3	220	4-Φ18
50	230	165	125	102	20	3	225	4-Φ18
65	290	185	145	122	22	3	260	8-Φ18
80	310	200	160	138	24	3	275	8-Φ18
100	350	235	190	162	24	3	335	8-Φ22
125	400	270	220	188	26	3	390	8-Φ26
150	480	300	250	218	28	3	405	8-Φ26
200	600	360	310	278	30	3	520	12-Φ26
250	730	425	370	335	32	3	610	12-Φ30
300	850	485	430	395	34	4	660	16-Φ30
350	980	555	490	450	38	4	970	16-Φ33
400	1100	620	550	505	40	4	1055	16-Φ36
DN	PN 40							
	Main connection size							
	L	D	D1	D2	b	f	H	n-Φd
15	130	95	65	45	16	2	181	4-Φ14
20	150	105	75	58	18	2	181	4-Φ14
25	160	115	85	68	18	2	195	4-Φ14
32	180	140	100	78	18	2	215	4-Φ18
40	180	150	110	78	18	3	220	4-Φ18
50	230	165	125	102	20	3	225	4-Φ18
65	290	185	145	122	22	3	260	8-Φ18
80	310	200	160	138	24	3	275	8-Φ18
100	350	235	190	162	24	3	335	8-Φ22
125	400	270	220	188	26	3	390	8-Φ26
150	480	300	250	218	28	3	405	8-Φ26
200	600	375	320	285	34	3	520	12-Φ30
250	730	450	385	345	38	3	610	12-Φ33
300	850	515	450	410	42	4	660	16-Φ33
350	980	580	510	465	46	4	970	16-Φ36
400	1100	660	585	535	50	4	1055	16-Φ39

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