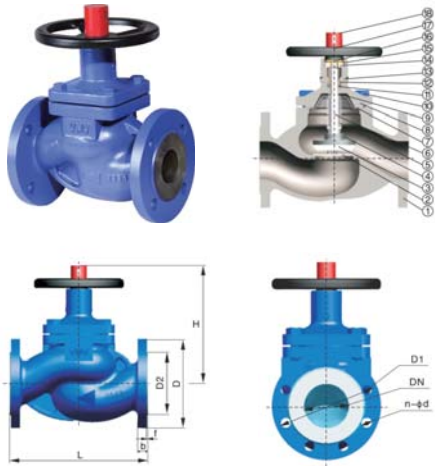


DIN STANDARD BELLOW SEAL GLOBE VALVE(NRS)



ADVANTAGE

1. Bellow seal element. The key part of bellow sealed globe valves is mental bellow. It is the connection between cover and stem with automatic roll welding. The mental bellow can keep the stem part no leakage.
2. Benefit from the con and streamline shape design, the disc has a reliable seal and longer service life.
3. Double seal design(bellows+packing). Bellow and packing can protect against leakage and provide a excellent seal.
4. Grease nipple. It can direct lubricate the stem, nut and sleeve.
5. Ergonomic hand wheel. It provide longer service life and easier operation.

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 SIZE

DN	PN 16							
	Main connection size							
	L	D	D1	D2	b	f	H	n-φd
15	130	95	65	45	16	2	170	4-Φ14
20	150	105	75	58	18	2	175	4-Φ14
25	160	115	85	68	18	2	175	4-Φ14
32	180	140	100	78	18	2	180	4-Φ18
40	200	150	110	88	18	3	200	4-Φ18
50	230	165	125	102	20	3	220	4-Φ18
65	290	185	145	122	22	3	240	4-Φ18
80	310	200	160	138	24	3	260	8-Φ18
100	350	220	180	158	26	3	305	8-Φ18
125	400	250	210	188	28	3	320	8-Φ18
150	480	285	240	218	28	3	345	8-Φ22
200	600	340	295	268	24	3	450	12-Φ22

DN	PN 25							
	Main connection size							
	L	D	D1	D2	b	f	H	n-φd
15	130	95	65	45	16	2	170	4-Φ14
20	150	105	75	58	18	2	175	4-Φ14
25	160	115	85	68	18	2	175	4-Φ14
32	180	140	100	78	18	2	180	4-Φ18
40	200	150	110	88	18	3	200	4-Φ18
50	230	165	125	102	20	3	220	4-Φ18
65	290	185	145	122	22	3	240	8-Φ18
80	310	200	160	138	24	3	260	8-Φ18
100	350	220	180	158	26	3	305	8-Φ22
125	400	250	210	188	28	3	320	8-Φ26
150	480	300	250	218	28	3	345	8-Φ26
200	600	360	310	278	30	3	450	12-Φ26

DN	PN 40							
	Main connection size							
	L	D	D1	D2	b	f	H	n-φd
15	130	95	65	45	16	2	170	4-Φ14
20	150	105	75	58	18	2	175	4-Φ14
25	160	115	85	68	18	2	175	4-Φ14
32	180	140	100	78	18	2	180	4-Φ18
40	200	150	110	88	18	3	200	4-Φ18
50	230	165	125	102	20	3	220	4-Φ18
65	290	185	145	122	22	3	240	8-Φ18
80	310	200	160	138	24	3	260	8-Φ18
100	350	220	180	158	26	3	305	8-Φ22
125	400	250	210	188	28	3	320	8-Φ26
150	480	300	250	218	28	3	345	8-Φ26
200	600	375	320	285	34	3	450	12-Φ30

TECHNICAL SPECIFICATION

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

APPLICATION

Hot oil system, steam system, hot and cold water system etc.

PERFORMANCE SPECIFICATION

NO.	Part name	Material
1	Body	GS-C25, GGG-40, 1.4401
2	Seat	1.4301, Stellite
3	Disc	1.4021, 1.4301+Stellite
4	Pin	1.4301, 1.4401
5	Bellow assemble	1.4021, 1.4401
6	Stem	1.4021, 1.4301, 1.4401
7	Gasket	Flexible graphite + stainless steel
8	Cover	GS-C25, 1.4301
9	Back seal	1.4021, 1.4401
10	Headed bolt	ASTM 193-B7, A193-B8
11	Packing	Flexible graphite
12	Adjustment gland	1C25, 1.4301, 1.4401
13	Adjustment screw	34CrMo4, 1.4301, 1.4401
14	Stem nut	Cooper alloy, D2, BL2
15	Friction plate	1C45, 1.4301, 1.4401
16	Spring collar	1.4301
17	Hand wheel	Carbon steel
18	Cap	1C45

ANSI STANDARD BELLOW SEAL GLOBE VALVE



APPLICATION

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

ADVANTAGE

1. Bellow seal element. The key part of bellow sealed globe valves is mental bellow. It is the connection between cover and stem with automatic roll welding. The mental bellow can keep the stem part no leakage.
2. Benefit from the con and streamline shape design, the disc has a reliable seal and longer service life.
3. Double seal design(bellows+packing). Bellow and packing can protect against leakage and provide a excellent seal.
4. Grease nipple. It can direct lubricate the stem, nut and sleeve.
5. Ergonomic hand wheel. It provide longer service life and easier operation.

PERFORMANCE SPECIFICATION

NO.	Part name	Material
1	Body	WCB, CF8, CF3
2	Seat	304, Stellite
3	Disc	13Cr, F304, F316
4	Pin	S.S304, S.S316
5	Bellows	S.S304, S.S316L
6	Stem	13Cr, F304, F316
7	Gasket	Stainless+ Flexible graphite
8	Cover	WCB, CF8, CF3
9	Nuts	ASTM 194-2H, A194-8
10	Double-headed bolt	ASTM 193-B7, A194-B8
11	Packing	Flexible graphite
12	Gland	WCB, CF8, CF3
13	Jack bolt	ASTM 193-B7, A194-B8
14	Nut	ASTM 194-2H, A194-8
15	Locator	1045
16	Stem nut	Copper alloy, B2, BL2
17	Hand wheel	Carbon steel
18	Cap	1025

TECHNICAL SPECIFICATION

Design standard: API 16.34
Face to face dimension: ANSI B 16.10
Flanged ends: ANSI B 16.5
Test & inspection: API 598

PERFORMANCE SPECIFICATION

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

MAIN CONNECTION SIZE

DN	150LB							
	Main connection size							
	L	D	D1	D2	b	H	n-φd	
1/2"	108	90	60.5	35	10.7	215	4-Φ15	
3/4"	117	100	70	43	11.7	215	4-Φ16	
1"	127	110	79.5	51	12.7	220	4-Φ16	
1-1/4"	165	125	98.5	73	14	250	4-Φ16	
1-1/2"	203	150	120.5	92	16	260	4-Φ19	
2"	216	180	139.5	105	17.5	305	4-Φ19	
2-1/2"	241	190	152.4	127	19	325	4-Φ19	
3"	292	230	190.5	157	24	390	8-Φ19	
4"	406	280	241.5	216	25.4	455	8-Φ22	
5"	495	345	298.5	270	29	570	8-Φ22	

DN	300LB							
	Main connection size							
	L	D	D1	D2	b	H	n-φd	
1/2"	152	95	66.5	35	14	215	4-Φ16	
3/4"	178	115	82.5	43	16	215	4-Φ19	
1"	203	125	89	51	17	220	4-Φ22	
1-1/4"	229	155	114.5	73	21	250	4-Φ22	
1-1/2"	267	165	127	92	22	260	8-Φ19	
2"	292	190	149	105	25.5	305	8-Φ22	
2-1/2"	318	210	168.5	127	29	325	8-Φ22	
3"	356	255	200	157	32	390	8-Φ22	
4"	444	320	270	216	37	455	12-Φ22	
5"	559	380	330	270	41	570	12-Φ25	