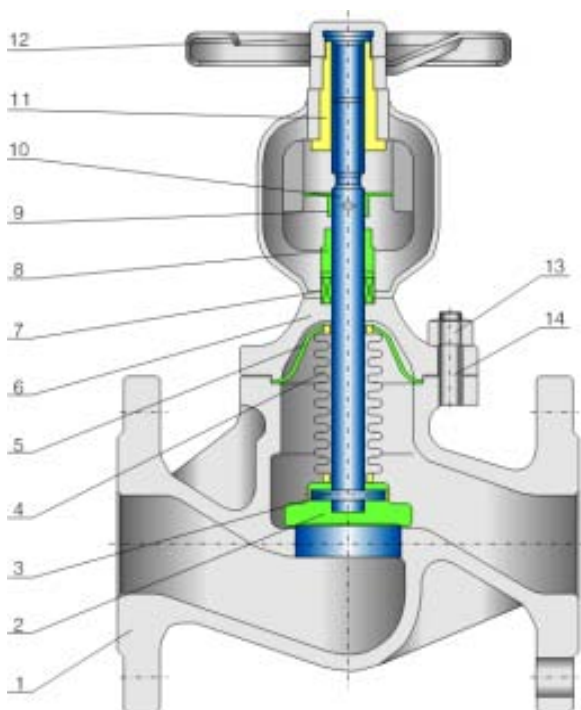


Bellows Globe Valve



Applicable Standards:

- DESIGN & MANUFACTURE CONFORM WITH : EN 13709、ASME B16.34
- CONNECTION DIMENSION CONFORMS WITH : EN 1092、ASME B16.5
- INSPECTION & TEST CONFORMS WITH : EN 588-1、DIN 3202, ASME B16.10
- MATERIAL CONFORMS WITH : EN 12266、ISO 5208、API 598



Materials of parts

NO	Part Name	NO	Part Name
1	Body	8	Gland Bushing
2	Disc	9	Guide Menier
3	Pin	10	Stem
4	Bellow	11	Stem Nut
5	Gasket	12	Handwheel
6	Bonnet	13	Nut
7	Packing	14	Bolt

Features and Application:

Bellows globe valve adopts sealed structure. In common valves, the packing seal of the stem ages fast and it is easy to leak, but this design totally eliminates these shortcomings. Apart from increasing the efficiency of materials and the safety of production equipment, it not only reduces maintenance costs and frequent maintenance of products but also provides a clean and safe working environment.

Double seal design (bellows and packings), if the bellows invalidates, the stem packings will prevent outside leaking. There is no fluid loss, but it reduces the energy loss and improves the equipment safety.

Longer service life, less maintenance and lower operating costs.

Firm and durable seal design of bellows ensures the zero leakage of stem and provides more reliable performance and no maintenance.

Quenched stem and surface nitridation with good performance of corrosion and friction resistance.

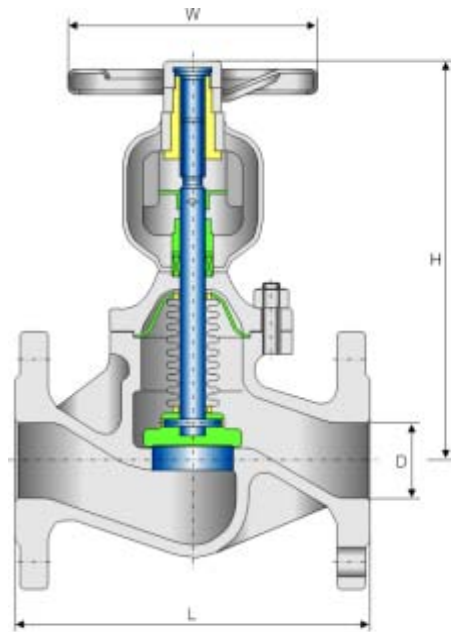
Excellent performance, graceful outline, and more visibility with position indicating of stem.

Materials of parts

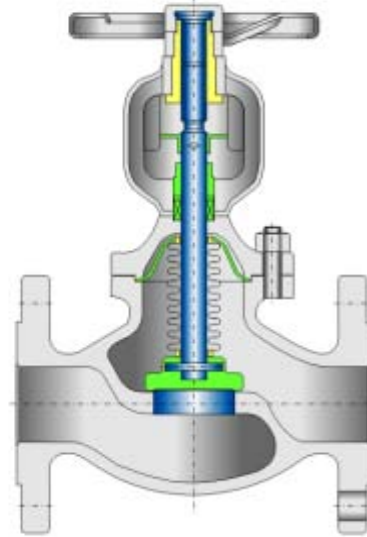
Body	GS-C25/WCB/CF8M/CF8/CF3M/CF3/CD3MN
Disc	A105/F316/F304/F316L/F304L/F51
Bellow	304/316/316L/304L/S31803
Stem	F6a/F304/F316/F304L/F316L/F51/Monel
Bonnet	GS-C25/WCB/CF8M/CF8/CF3M/CF3/CD3MN
Bolt	B7M/B8M/L7M/B16M
Nut	2HM/8M/7M/4M
Gland Bushing	410/304/316/304L/316L
Stem Nut	C95200/D2/A536
Gasket	Flexible graphite+304/Flexible graphite+316
Packing	Flexible graphite

Materials could be chosen according to customers' requirement & working condition.

Gate Valve, Cast Steel, Bolted Bonnet, 150Lb/300Lb



DIN Structure



API Structure

Dimensional Datas

NPS	DN	L (mm)	D (mm)	H (mm)	W (mm)	WT (kg)	T (N.M)	NPS	DN	L (mm)	D (mm)	H (mm)	W (mm)	WT (kg)	T (N.M)
PN 16															
1/2	15	130	15	174	100	3.5	14	4	100	350	100	345	280	50	127
3/4	20	150	20	176	125	4	18	5	125	400	125	370	320	65	209
1	25	160	25	207	160	6	23	6	150	480	150	430	350	84	319
1¼	32	180	32	207	160	10	26	8	200	600	200	488	400	150	408
1½	40	200	40	210	180	13	31	10	250	730	250	530	500	240	885
2	50	230	50	225	200	19	49	12	★300	850	300	600	460	360	1129
2½	65	290	65	250	220	26	62	14	★350	980	350	700	600	490	1515
3	80	310	80	260	240	30	103	16	★400	1150	400	800	700	600	1805

Dimensional Datas

NPS	DN	L (mm)	D (mm)	H (mm)	W (mm)	WT (kg)	T (N.M)	NPS	DN	L (mm)	D (mm)	H (mm)	W (mm)	WT (kg)	T (N.M)
PN 25															
1/2	15	130	15	174	100	3.5	18	4	100	350	100	345	280	65	140
3/4	20	150	20	176	125	4	23	5	125	400	125	370	320	85	222
1	25	160	25	207	160	6	30	6	150	480	150	430	350	109	341
1¼	32	180	32	207	160	10	34	8	200	600	200	488	400	180	436
1½	40	200	40	210	180	13	38	10	250	730	250	530	500	300	974
2	50	230	50	225	200	19	56	12	★300	850	300	600	460	450	1242
2½	65	290	65	250	220	31	69	14	★350	980	350	700	600	613	1667
3	80	310	80	260	240	36	112	16	★400	1150	400	800	700	750	1986

Bellows Globe Valve



Dimensional Datas

NPS	DN	L (mm)	D (mm)	H (mm)	W (mm)	WT (kg)	T (N.M)	NPS	DN	L (mm)	D (mm)	H (mm)	W (mm)	WT (kg)	T (N.M)
PN 40															
1/2	15	130	15	174	100	3.5	24	4	100	350	100	345	280	85	278
3/4	20	150	20	176	125	4	30	5	125	400	125	370	320	111	419
1	25	160	25	207	160	6	39	6	150	480	150	430	350	142	599
1¼	32	180	32	207	160	10	44	8	200	600	200	488	400	234	835
1½	40	200	40	210	180	13	46	10	250	730	250	530	500	390	1266
2	50	230	50	225	200	19	78	12	★300	850	300	600	460	585	1615
2½	65	290	65	250	220	40	92	14	★350	980	350	700	600	797	2167
3	80	310	80	260	240	47	179	16	★400	1150	400	800	700	975	2582

Note: ★ Manual Control