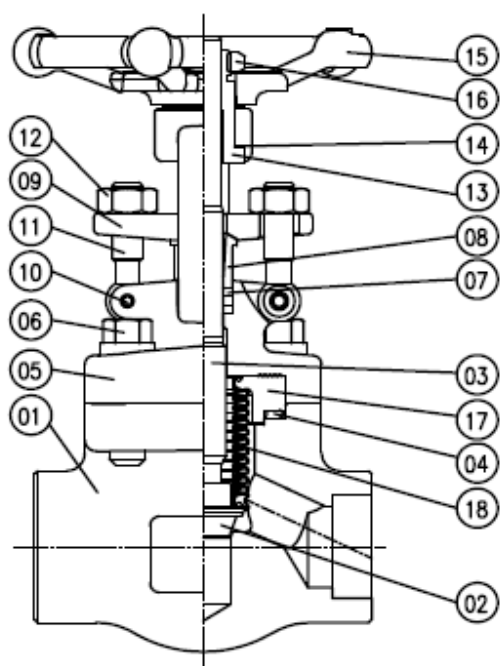


CLASS 150 ~ 800 BELLOWS SEAL GLOBE VALVE – OS&Y, BB TYPE



SPECIFICATIONS

- 1) Valve Size: 1/2" ~ 2"
- 2) Applicable Rating: ASME 150# ~800#
- 3) Temperature: Up to 500°C
- 4) Code & Standard: API, BS, ASME, ASTM
Designed by ASME B16.11 / 16.34 / 16.5,
API 602 / MSS-SP117
- 5) Constructions
 - * End Connection: Socket-Welded or Flanged Type
 - * OS & Y, BB (=Bolted Bonnet) Type
 - * Full Bore / Reduce Bore
 - * Rising Stem / Non Rising Hand wheel
 - * Manual or Motor Operated
(Pneumatic, Electric, or Hydraulic)

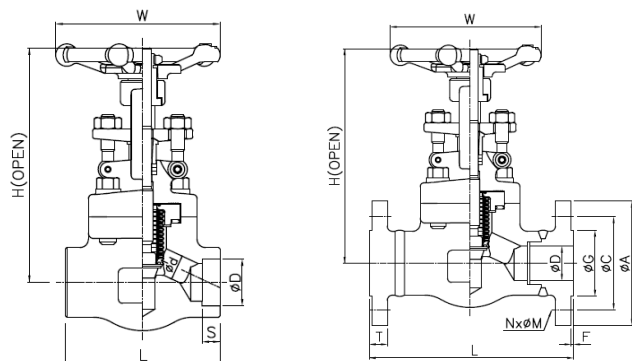
SHELL & SEAT LEAKAGE TEST PRESSURE(A105)				
CLASS	SHELL (kgf/cm ²)		SEAT (kgf/cm ²)	
	WATER	AIR	AIR	WATER
150#	32	6		23
300#	80			58
600#	102			102
800#	102			102

STANDARD COMPONENT MATERIALS

▶ BELLOWS TEST PRESSURE: 102 kgf/Cm2

NO	Part Name	MATERIAL(BODY/TRIM)				
		A105/F6a	LF2/304	F11/F6a	F304(L)/304(L)	F316(L)/316(L)
01	BODY	A105	LF2	F11	F304(L)	F316(L)
02	DISC	A276-304	A276-304	A276-304	A276-304(L)	A276-304(L)
03	STEM	A276-410	A276-304	A276-410	A276-304(L)	A276-316(L)
04	GASKET	Graphite	Graphite	Graphite	Graphite	Graphite
05	BONNET	A105	LF2	F11	F304(L)	F316(L)
06	BONNET BOLT	A193-B7	A320-L7	A193-B16	A193-B8	A193-B8
07	GLAND PACKING	Graphite	Graphite	Graphite	Graphite	Graphite
08	GLAND	304L	304L	304L	304L	304L
09	GLAND FLANGE	A105	A105	A105	F316	F316
10	EYE BOLT PIN	A276-304	A276-304	A276-304	A276-304	A276-304
11	EYE BOLT	A193-B8	A193-B8	A193-B8	A193-B8	A193-B8
12	EYE BOLT NUT	A194-2H	A194-2H	A194-2H	A194-8	A194-8
13	SLEEVE	B505-C95800	B505-C95800	B505-C95800	B505-C95800	B505-C95800
14	SLEEVE WASHER	A276-430	A276-430	A276-430	A276-430	A276-430
15	HAND WHEEL	A47	A47	A47	A47	A47
16	WHEEL NUT	A108-1025	A108-1025	A108-1025	A108-1025	A108-1025
17	BELLOWS HOLDER	A276-304	A276-304	A276-304	A276-304	A276-304
18	BELLOWS	A240-316L	A240-316L	A240-316L	A240-316L	A240-316L

CLASS 150 ~ 800 BELLOWS GLOBE VALVE – OS&Y, BB TYPE



Connection ends conform to:

- 1) Socket welded ends conform to ASME B16.11
- 2) Screw ends conform to ASME B1.20.1
- 3) Butt-welded ends conform to ASME B16.25
- 4) Flanged ends conform to ASME B16.5

- DIMENSION TABLE (Socket Welding End)

CLASS	SIZE	H	W	L	d	ANSI		JIS		WEIGHT (KG)
						D	S	D	S	
#150 #300 #600 #800	1/2"	143	100	79	10.0	21.8 - 22.2	10	22.2 - 22.5	9.7	2.0
	3/4"	143	100	92	14.0	27.2 - 27.6	13	27.7 - 28.0	12.7	2.3
	1"	174	125	111	18.0	33.9 - 34.3	13	34.5 - 34.8	12.7	4.2
	1-1/4"	216	160	152	24.0	42.7 - 43.1	13	43.2 - 43.5	12.7	8.2
	1-1/2"	216	160	152	30.0	48.8 - 49.2	13	49.1 - 49.4	12.7	8.2
	2"	253	180	172	35.0	61.2 - 61.7	16	61.1 - 61.4	15.9	12.3

- DIMENSION TABLE (RF FLANGE End)

CLASS	SIZE	H	W	L	d	D	G	C	A	T	F	N x M	WEIGHT (KG)
#150	1/2"	143	100	108	13.0	15.8	35.1	60.5	88.9	11.2	1.6	4x15.8	2.5
	3/4"	143	100	117	13.0	20.9	43.0	69.9	98.6	12.7	1.6	4x15.8	3.1
	1"	174	125	127	19.0	26.7	50.8	79.3	108.0	14.3	1.6	4x15.8	5.4
	1-1/2"	216	160	165	29.2	40.9	73.2	98.6	127.0	17.6	1.6	4x15.8	9.9
	2"	253	180	178	37.3	52.6	92.0	120.7	152.4	19.1	1.6	4x19.1	15.0
#300	1/2"	143	100	140	13.0	15.8	35.1	66.6	95.3	14.3	1.6	4x15.8	2.7
	3/4"	143	100	152	13.0	20.9	43.0	82.6	117.4	15.8	1.6	4x19.1	3.5
	1"	174	125	165	19.0	26.7	50.8	88.9	124.0	17.6	1.6	4x19.1	5.8
	1-1/2"	216	160	190	29.2	40.9	73.2	114.3	155.5	19.1	1.6	4x22.2	10.9
	2"	253	180	216	37.3	52.6	92.0	127.0	165.1	22.4	1.6	8x19.1	15.7
#600	1/2"	143	100	165	13.0	15.8	35.1	66.6	95.3	20.9	6.4	4x15.8	2.8
	3/4"	143	100	190	13.0	20.9	43.0	82.6	117.4	22.2	6.4	4x19.1	3.7
	1"	174	125	216	19.0	26.7	50.8	88.9	124.0	23.9	6.4	4x19.1	5.9
	1-1/2"	216	160	241	29.2	40.9	73.2	114.3	155.5	28.8	6.4	4x22.2	11.3
	2"	253	180	292	37.3	52.6	92.0	127.0	165.1	31.8	6.4	8x19.1	16.3