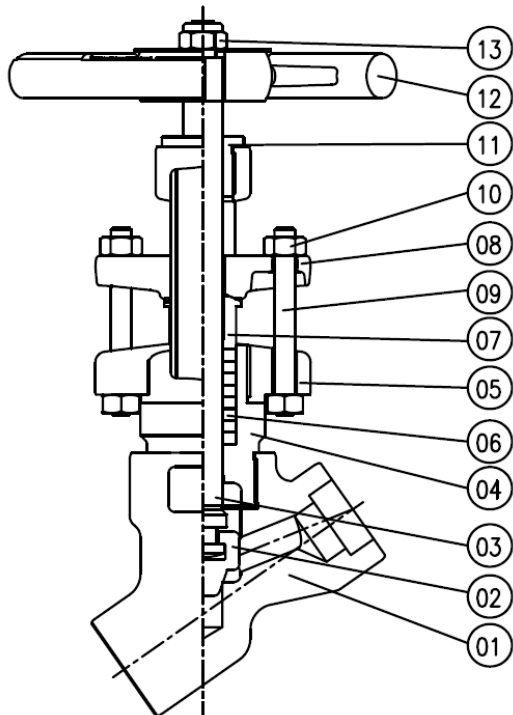


CLASS 900 ~ 2500 Y-GLOBE VALVE – OS&Y, WB TYPE



SPECIFICATIONS

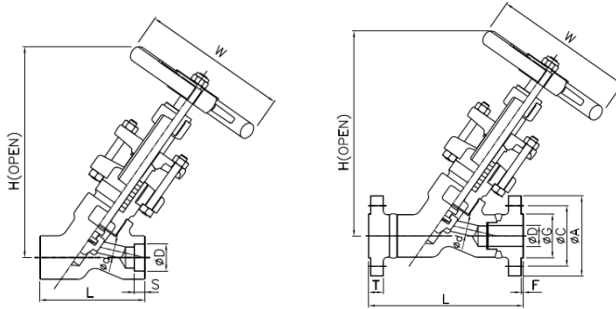
- 1) Valve Size: 1/2" ~ 2"
- 2) Applicable Rating: ASME 1500# ~2500#
- 3) Temperature: Up to 500°C
- 4) Code & Standard: API, BS, ASME, ASTM
Designed by ASME B16.11 / 16.34 / 16.5,
API 602
- 5) Constructions
 - * End Connection: Socket-Welded or Flanged Type
 - * OS & Y, WB (=Welded Bonnet) Type
 - * Full Bore / Reduce Bore
 - * Rising Stem / 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	WATER
900#	236	-	172
1500#	393		287
2500#	653		478

STANDARD COMPONENT MATERIALS

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	A276-410	A276-304	A276-410	A276-304(L)	A276-316(L)
03	STEM	A276-410	A276-304	A276-410	A276-304(L)	A276-304(L)
04	BONNET	A105	LF2	F11	F304(L)	F304(L)
05	YOKE	A105	A105	A105	A351-CF8M	A351-CF8M
06	GLAND PACKING	Graphite	Graphite	Graphite	Graphite	Graphite
07	GLAND	A276-410	A276-410	A276-410	A276-316	A276-316
08	GLAND FLANGE	A105	A105	A105	F316	F316
09	GLAND BOLT	A193-B7	A193-B7	A193-B7	A193-B8	A193-B8
10	GLAND BOLT NUT	A194-2H	A194-2H	A194-2H	A194-8	A194-8
11	SLEEVE	A276-410	A276-410	A276-410	A276-410	A276-410
12	HAND WHEEL	A47	A47	A47	A47	A47
13	WHEEL NUT	A108-1020	A108-1020	A108-1020	A108-1020	A108-1020

CLASS 900 ~ 2500 Y-GLOBE VALVE – OS&Y, WB 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	
#900 #1500	1/2"	237	150	114	10.0	21.8 - 22.2	10	22.2 - 22.5	9.7	5.7
	3/4"	237	150	114	11.0	27.2 - 27.6	13	27.7 - 28.0	12.7	5.6
	1"	273	180	130	15.0	33.9 - 34.3	13	34.5 - 34.8	12.7	7.7
	1-1/4"	317	200	150	20.0	42.7 - 43.1	13	43.2 - 43.5	12.7	11.4
	1-1/2"	317	200	150	28.0	48.8 - 49.2	13	49.1 - 49.4	12.7	11.4
	2"	362	250	190	32.0	61.2 - 61.7	16	61.1 - 61.4	15.9	15.4
#2500	1/2"	237	150	114	10.0	21.8 - 22.2	10	22.2 - 22.5	9.7	8.0
	3/4"	273	180	130	11.0	27.2 - 27.6	13	27.7 - 28.0	12.7	8.2
	1"	317	200	150	15.0	33.9 - 34.3	13	34.5 - 34.8	12.7	12.2
	1-1/4"	362	250	190	20.0	42.7 - 43.1	13	43.2 - 43.5	12.7	15.9
	1-1/2"	362	250	190	28.0	48.8 - 49.2	13	49.1 - 49.4	12.7	15.7
	2"	425	250	220	32.0	61.2 - 61.7	16	61.1 - 61.4	15.9	26.3

- DIMENSION TABLE (RF FLANGE End)

CLASS	SIZE	H	W	L	d	D	G	C	A	T	F	N x M	WEIGHT (KG)
#900 #1500	1/2"	237	150	216	10.0	15.8	35.1	82.6	121	22.4	6.4	4x22.4	6.7
	3/4"	237	150	229	11.0	20.9	43.0	88.9	130	25.4	6.4	4x22.4	6.6
	1"	273	180	254	15.0	26.7	50.8	102.0	149	28.5	6.4	4x25.4	8.7
	1-1/2"	317	200	305	28.0	40.9	73.2	124.0	178	31.8	6.4	4x28.5	12.4
	2"	362	250	368	32.0	52.6	92.0	165.1	216	38.1	6.4	8x25.4	17.4
#2500	1/2"	237	150	264	10.0	15.8	35.1	88.9	133.0	36.7	6.4	4x22.4	9.2
	3/4"	273	180	273	11.0	20.9	43.0	95.3	139.7	38.2	6.4	4x22.4	10.6
	1"	317	200	308	15.0	26.7	50.8	108.0	158.8	41.4	6.4	4x25.4	15.8
	1-1/2"	362	250	384	28.0	40.9	73.2	146.1	203.2	50.9	6.4	4x31.8	26.2
	2"	425	250	451	35.0	52.6	92.0	171.5	235.0	57.2	6.4	8x28.5	38.3