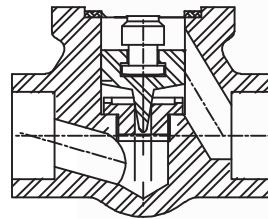
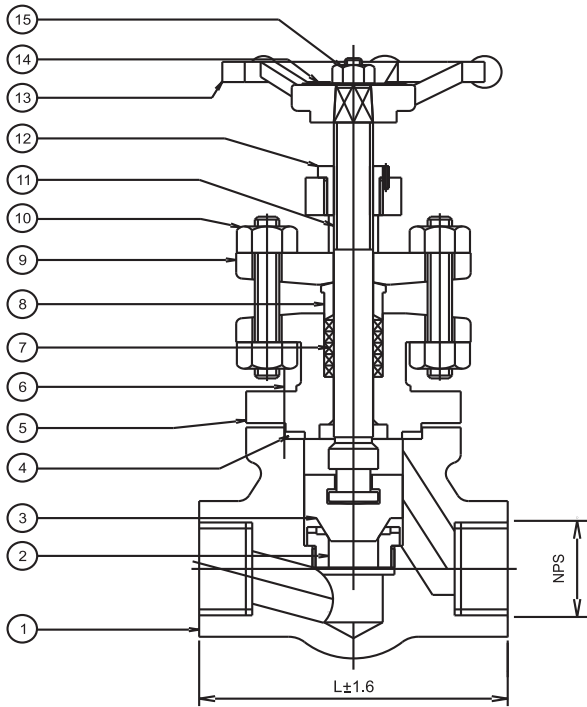
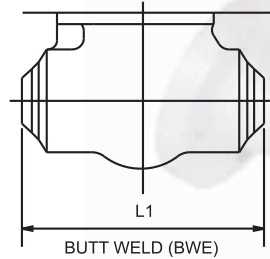




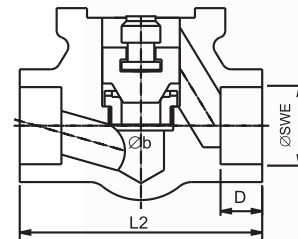
FORGED STEEL GLOBE VALVES - BSEN ISO 15761, ASME B16.34, API 602



Needle Valve



BUTT WELD (BWE)



SOCKET WELD (SWE)



STANDARD MATERIAL COMBINATION

P.NO.	DESCRIPTION	Carbon steel to ASTM			Alloy steel to ASTM			Stainless to ASTM			
		A105F	A350 LF2	A182 F5	A182 F11	A182 F22	A182 F9	A182 F304	A182 F316	A182F304L	A182F316L
1	BODY	A105F	A350 LF2	A182 F5	A182 F11	A182 F22	A182 F9	A182 F304	A182 F316	A182F304L	A182F316L
2	SEAT RING	As per Trim Material Combination									
3	WEDGE	As per Trim Material Combination									
4	GASKET	Stainless steel + Graphoil									
5	BONNET	A105F	A350 LF2	A182 F5	A182 F11	A182 F22	A182 F9	A182 F304	A182 F316	A182 F316	A182F316L
6	STUDS	A193B7	A320 L7	A193 B7	A193 B7	A193 B16	A193 B16	A193 B8	A193B8	A193B8	A193B8
7	PACKING	To suit service conditions									
8	GLAND	A182 F6a	A182 F6a	A182 F6a	A182 F6a	A182 F6a	A182 F6a	F-304	F-316	F-304L	F-316L
9	GLAND FLANGE	A105F	A350 LF2	A182 F5	A182 F11	A182 F22	A182 F9	A182 F304	A182 F316	A182F304L	A182F316L
10	NUTS	A194 2H	A194 Gr.4	A194 2H	A194 2H	A194 Gr.4	A194 Gr.4	A194 Gr.8	A194 Gr.8	A194 Gr.8	A194 Gr.8
11	STEM	As per Trim Material Combination									
12	YOKE SLEEVE	Al. Bronze BS 1400 AB2C or Ni-resist to A439 D2									
13	HANDWHEEL	DI. A536 80-55-06 OR MI IS 2108 BM290									
14	WASHER	CARBON STEEL (ANY GRADE)									
15	HANDWHEEL RETAINING NUT	CARBON STEEL									

Body Material Combination with Body/Bonnet ASTMA F304H, F316H, F321, F347 also provided.



FORGED STEEL GLOBE VALVES - BSEN ISO 15761, ASME B16.34, API 602

TRIM MATERIAL COMBINATION (ON REQUEST)

Trim No.	Seat Ring Face	Wedge Seat Face	Stem	Backseat Bush	Lantern Ring
1	F6a/13%Cr.	F6a/13%Cr.	F6a/AISI410	F6a/AISI410	F6a/AISI410
2	F304	F304	F304/AISI304	F304/AISI304	F304/AISI304
5	STELLITE	STELLITE	F6a/AISI410	F6a/AISI410	F6a/AISI410
8	STELLITE	F6a/13%Cr.	F6a/AISI410	F6a/AISI410	F6a/AISI410
9	MONEL	MONEL	MONEL	MONEL	MONEL
10	F316	F316	F316/AISI316	F316/AISI316	F316/AISI316
12	316+STELLITE	316	F316/AISI316	F316/AISI316	F316/AISI316
13	ALLOY 20	ALLOY 20	ALLOY 20	ALLOY 20	ALLOY 20

NOTE: Other Trim Combination can be provided as Trim Material Combination.

• All dimensions in mm

DIMENSIONAL DATA CLASS - 800 (REDUCED BORE)

DN	NPS	φb	L1(BWE)	L2(SWE)	H	φHW	φSWE		D	Aprox. Wt. ^
							BS 3799	ASME B16.11		
15	1/2	10	82	82	140	82	21.8	22.2 +0.3 -0.0	11	1.64
20	3/4	12.7	90	90	155	90	27.4	27.6 +0.3 -0.0	14	2.050
25	1	18	96	96	175	96	34.1	34.3 +0.3 -0.0	14	3.2
40	1 1/2	30	155	155	240	155	49	49.2 +0.3 -0.0	14	7.5
50	2	35	170	170	270	155	61	61.7 +0.3 -0.0	17	11.5

DIMENSIONAL DATA CLASS - 800 (FULL BORE)

DN	NPS	φb	L1(BWE)	L2(SWE)	H	φHW	φSWE		D	Aprox. Wt. ^
							BS 3799	ASME B16.11		
15	1/2	12.7	88	88	155	90	21.8	22.2 +0.3 -0.0	11	2.050
20	3/4	18	100	100	175	96	27.4	27.6 +0.3 -0.0	14	3.2
25	1	23	124	124	198	114	34.1	34.3 +0.3 -0.0	14	7.5
40	1 1/2	35	170	170	270	155	49	49.2 +0.3 -0.0	14	11.5

DIMENSIONAL DATA CLASS - 1500

DN	NPS	φb	L1(BWE)	L2(SWE)	H	φHW	φSWE		D	Aprox. Wt. ^
							BS 3799	ASME B16.11		
15	1/2	12	100	100	172	96	21.8	22.2 +0.3 -0.0	11	3.240
20	3/4	16	124	124	210	114	27.4	27.6 +0.3 -0.0	14	5.190
25	1	19	145	104	235	155	34.1	34.3 +0.3 -0.0	14	8.1
32	1 1/4	28	170	170	270	155	42.9	43.1 +0.3 -0.0	14	12.6
40	1 1/2	32	170	170	278	155	49	49.7 +0.3 -0.0	14	12.6

NOTE: The above data is subject to change without notice due to our continuing product improvement program. (^WEIGHT GIVEN IN KGS)

*Needle Type Disc also available.