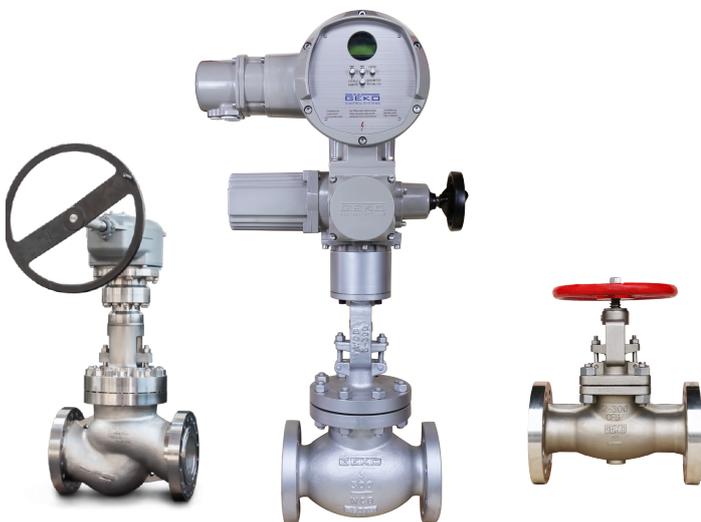


PRODUCT RANGE VALVES

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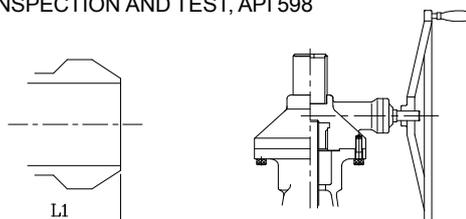
CAST STAINLESS STEEL GLOBE VALVES - ANSI CLASS 150

DESIGN DESCRIPTION:

- OUTSIDE SCREW AND YOKE
- BOLTED BONNET
- RISING STEM AND HANDWHEEL (IMPACT-HAMMER HANDWHEEL FOR 10" & OVER.)
- YOKE INTEGRAL WITH BONNET
- LOOSE DISC
- INTEGRAL SEAT AND BACK SEAT
- AVAILABLE WITH GEAR OPERATOR
- FLANGED ENDS
- BUTTWELDING ENDS

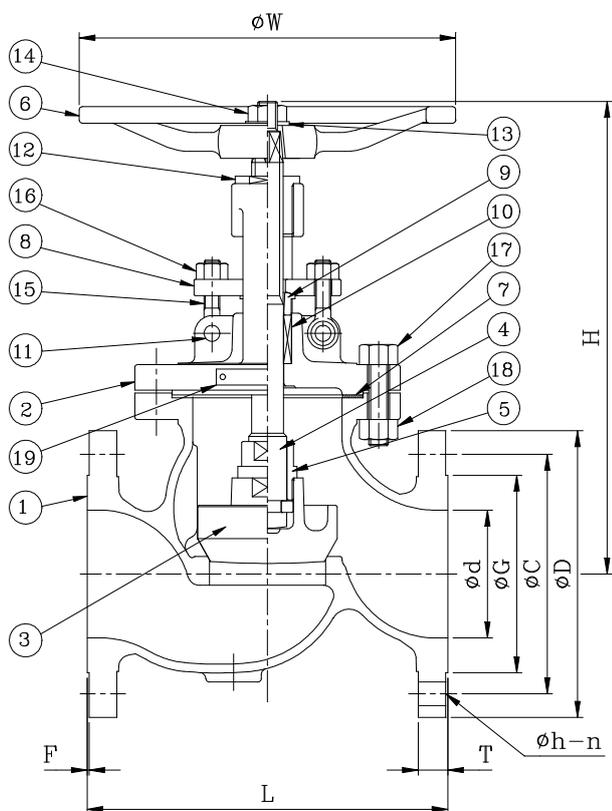
APPLICABLE STANDARDS:

- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598



Buttwelding Ends

Available With Gear Operator



PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		CF8	CF8M	CF3M
1	Body	A351-CF8	A351-CF8M	A351-CF3M
2	Bonnet	A351-CF8	A351-CF8M	A351-CF3M
3	Disc	A351-CF8	A351-CF8M	A351-CF3M
4	Stem	A182-F304	A182-F316	A182-F316L
5	Disc Nut	A276-304	A276-316	A276-316L
6	Hand Wheel	A47 / A536		
7	Gasket	PTFE / Grafoil+316 Sheet		
8	Gland Flange	A351-CF8		
9	Gland	A351-CF8M		
10	Gland Packing	PTFE / Graphite		
11	Eye Bolt Pin	A276-304		
12	Stem Nut	A439-D2 / A276-410		
13	Washer	A240-304		
14	Wheel Nut	AISI 304		
15	Eye Bolt	A193-B8		
16	Eye Bolt Nut	A194-8		
17	Bonnet Bolt	A193-B8		
18	Bonnet Bolt Nut	A194-8		
19	Name Plate	A666-304		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

TEST PRESSURE TO API 598

			PSIG
SHELL TEST (water)	SEAT TEST (water)	SEAT TEST (air)	
450 (32 kg/cm ²)	314 (22 kg/cm ²)	80 (6 kg/cm ²)	

DIMENSION TABLE:

DN	NPS	Ø d	L & L1	H	H(OPEN)	Ø W	T	F	Ø D	Ø C	Ø G	Ø h	n	WT.(Kg)
15	1/2	12.7	108	193	200	100	10.0	1.6	88.9	60.5	35.1	16.0	4	5.5
20	3/4	19.0	117	198	213	100	10.5	1.6	98.6	69.9	43.0	16.0	4	7.5
25	1	25.4	127	231	248	100	11.2	1.6	108.0	79.2	50.8	16.0	4	11
40	1 1/2	38.1	165	262	280	200	14.3	1.6	127.0	98.6	73.2	16.0	4	15
50	2	50.8	203	286	319	200	15.8	1.6	152.4	120.7	92.0	19.0	4	18
65	2 1/2	63.5	216	312	341	250	17.5	1.6	177.8	139.7	104.7	19.0	4	23
80	3	76.2	241	344	380	250	19.1	1.6	190.5	152.4	127.0	19.0	4	29
100	4	101.6	292	376	416	300	23.9	1.6	228.6	190.5	157.2	19.0	8	48
150	6	152.4	406	467	535	400	25.4	1.6	279.4	241.3	215.9	22.3	8	85
200	8	203.2	495	545	614	450	28.5	1.6	342.9	298.5	269.8	22.3	8	130
250	10	254.0	622	650	735	550	30.3	1.6	406.4	362.0	323.9	25.4	12	205
300	12	304.8	699	727	822	600	31.8	1.6	482.6	431.8	381.0	25.4	12	336

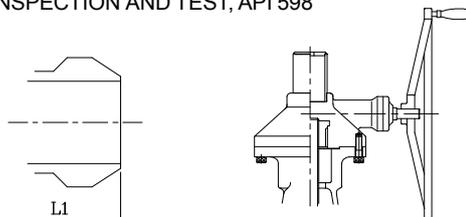
CAST STAINLESS STEEL GLOBE VALVES – ANSI CLASS 300

DESIGN DESCRIPTION:

- OUTSIDE SCREW AND YOKE
- BOLTED BONNET
- RISING STEM AND HANDWHEEL (IMPACT-HAMMER HANDWHEEL FOR 8" & OVER.)
- YOKE INTEGRAL WITH BONNET
- LOOSE DISC
- INTEGRAL SEAT AND BACK SEAT
- AVAILABLE WITH GEAR OPERATOR
- FLANGED ENDS
- BUTTWELDING ENDS

APPLICABLE STANDARDS:

- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598



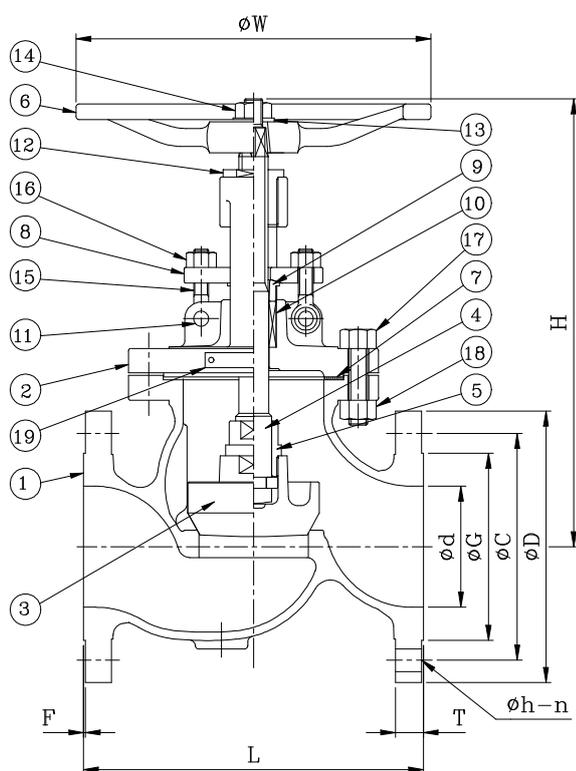
Buttwelding Ends

Available With Gear Operator

PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		CF8	CF8M	CF3M
1	Body	A351-CF8	A351-CF8M	A351-CF3M
2	Bonnet	A351-CF8	A351-CF8M	A351-CF3M
3	Disc	A351-CF8	A351-CF8M	A351-CF3M
4	Stem	A182-F304	A182-F316	A182-F316L
5	Disc Nut	A276-304	A276-316	A276-316L
6	Hand Wheel	A47 / A536		
7	Gasket	304 Spiralwound	316 Spiralwound	316L Spiralwound
8	Gland Flange	A351-CF8		
9	Gland	A351-CF8M		
10	Gland Packing	PTFE / Graphite		
11	Eye Bolt Pin	A276-304		
12	Stem Nut	A439-D2 / A276-410		
13	Washer	A240-304		
14	Wheel Nut	AISI 304		
15	Eye Bolt	A193-B8		
16	Eye Bolt Nut	A194-8		
17	Bonnet Bolt	A193-B8		
18	Bonnet Bolt Nut	A194-8		
19	Name Plate	A666-304		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



TEST PRESSURE TO API 598

	PSIG		
SHELL TEST (water)	SEAT TEST (water)	SEAT TEST (air)	
1125 (79 kg/cm ²)	814 (57 kg/cm ²)	80 (6 kg/cm ²)	

DIMENSION TABLE:

DN	NPS	Ø d	L & L1	H	H(OPEN)	Ø W	T	F	Ø D	Ø C	Ø G	Ø h	n	WT.(Kg)
15	1/2	12.7	152	223	230	100	14.3	1.6	95.3	66.5	35.1	16.0	4	6.5
20	3/4	19.0	178	234	240	100	15.8	1.6	117.4	82.6	43.0	19.0	4	8.5
25	1	25.4	203	250	260	150	17.5	1.6	124.0	88.9	50.8	19.0	4	12
40	1 1/2	38.1	229	335	350	200	20.6	1.6	155.5	114.3	73.2	22.3	4	18
50	2	50.8	267	405	422	200	22.4	1.6	165.1	127.0	92.0	19.0	8	26
65	2 1/2	63.5	292	445	468	250	25.4	1.6	190.5	149.4	104.7	22.3	8	41
80	3	76.2	318	490	520	300	28.5	1.6	209.6	168.1	127.0	22.3	8	55
100	4	101.6	356	567	607	300	31.8	1.6	254.0	200.2	157.2	22.3	8	86
150	6	152.4	445	732	784	400	36.6	1.6	317.5	269.8	215.9	22.3	12	176
200	8	203.2	559	797	868	500	41.2	1.6	381.0	330.2	269.8	25.4	12	280
250	10	254.0	622	973	1042	600	47.8	1.6	444.5	387.4	323.9	28.5	16	420
300	12	304.8	711	1030	1140	700	50.8	1.6	520.7	450.9	381.0	31.8	16	645

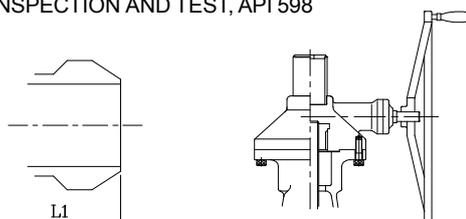
CAST STEEL GLOBE VALVES – ANSI CLASS 150

DESIGN DESCRIPTION:

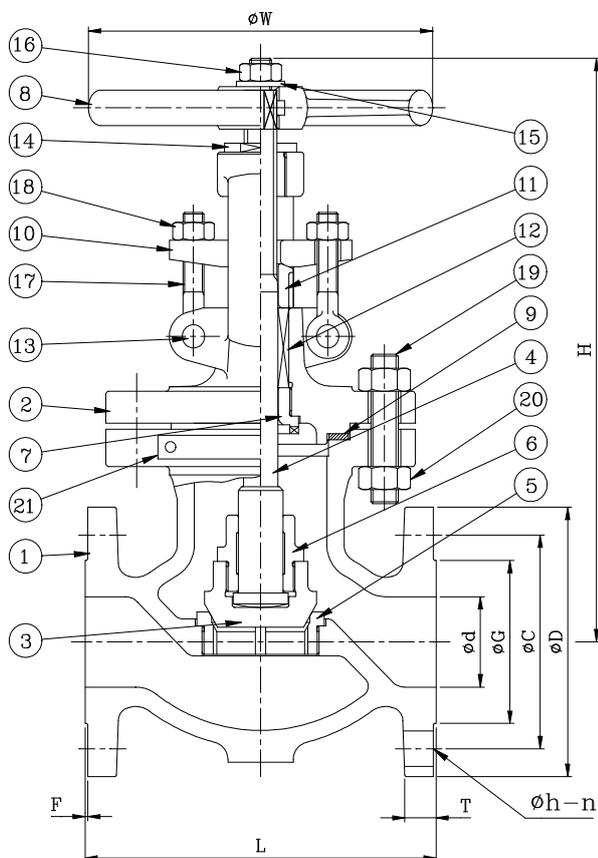
- OUTSIDE SCREW AND YOKE
- BOLTED BONNET
- RISING STEM AND HANDWHEEL (IMPACT-HAMMER HANDWHEEL FOR 10" & OVER.)
- YOKE INTEGRAL WITH BONNET
- LOOSE DISC
- RENEWABLE SEAT RINGS
- FLANGED ENDS
- BUTTWELDING ENDS

APPLICABLE STANDARDS:

- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598



Buttwelding Ends Available With Gear Operator



PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		WCB	WC6	LCB
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Disc	A216-WCB+H/F	A217-WC6+H/F	A352-LCB+H/F
4	Stem	A276-410		
5	Seat	A105+ H/F STL#6	A182-F11+H/F	A350-LF2+H/F
6	Disc Nut	A276-410		
7	Back Seat	A276-410		
8	Hand Wheel	A47 / A536		
9	Gasket	Grafoil+316 Sheet		
10	Gland Flange	A216-WCB		
11	Gland	A276-410		
12	Gland Packing	Graphite		
13	Eye Bolt Pin	A276-410		
14	Stem Nut	A439-D2		
15	Washer	A36+Zn Plate		
16	Wheel Nut	A194-2H		
17	Eye Bolt	A307 B		
18	Eye Bolt Nut	A194-2H		
19	Bonnet Bolt	A193-B7	A193-B7	A193-B7M
20	Bonnet Bolt Nut	A194-2H	A194-2H	A194-2HM
21	Name Plate	A666-304		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

TEST PRESSURE TO API 598

DIMENSION TABLE:

DN	NPS	Ø d	L & L1	H	H (OPEN)	Ø W	T	SHELL TEST (water)			SEAT TEST (water)			SEAT TEST (air)	
								F	Ø D	Ø C	Ø G	Ø h	n	WT.(Kg)	
50	2	50.8	203	359	381	200	15.8	1.6	152.4	120.7	92.0	19.0	4	22	
65	2 1/2	63.5	216	406	430	250	17.5	1.6	177.8	139.7	104.7	19.0	4	31	
80	3	76.2	241	435	468	300	19.1	1.6	190.5	152.4	127.0	19.0	4	41	
100	4	101.6	292	498	536	300	23.9	1.6	228.6	190.5	157.2	19.0	8	64	
125	5	127	356	515	566	400	24	1.6	254	215.9	186	22.4	8	88	
150	6	152.4	406	590	642	400	25.4	1.6	279.4	241.3	215.9	22.3	8	113	
200	8	203.2	495	686	757	450	28.5	1.6	342.9	298.5	269.8	22.3	8	190	
250	10	254.0	622	786	854	500	30.3	1.6	406.4	362.0	323.9	25.4	12	238	
300	12	304.8	699	885	986	600	31.8	1.6	482.6	431.8	381.0	25.4	12	420	
350	14	336.6	787	988	1108	700	35.1	1.6	533.4	476.3	412.8	28.5	12	640	
400	16	387.4	914	1085	1225	800	36.6	1.6	596.9	539.8	469.9	28.5	16	920	

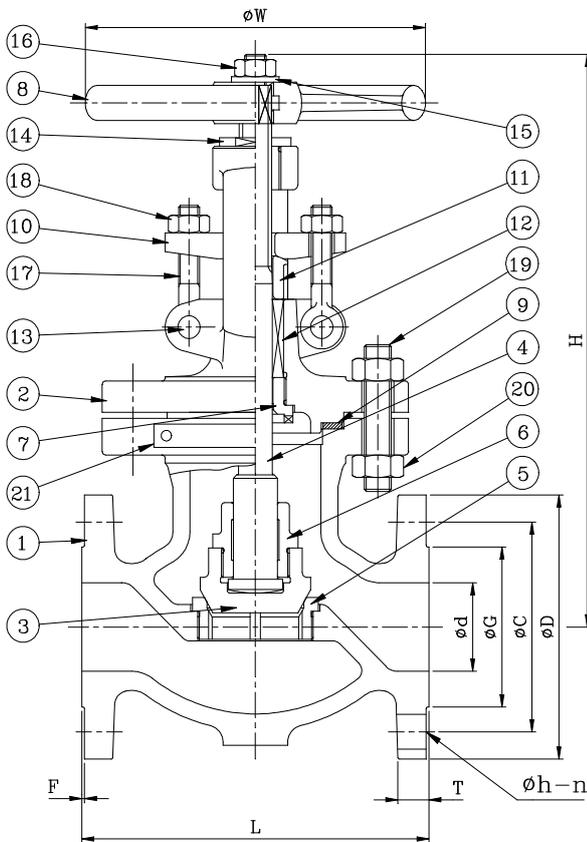
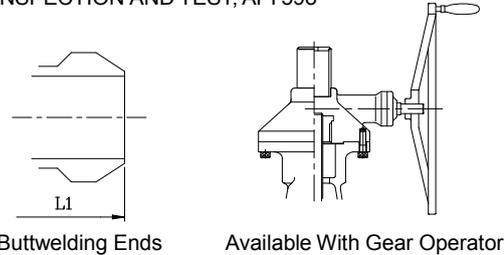
CAST STEEL GLOBE VALVES – ANSI CLASS 300

DESIGN DESCRIPTION:

- OUTSIDE SCREW AND YOKE
- BOLTED BONNET
- RISING STEM AND HANDWHEEL (IMPACT HAMMER HANDWHEEL FOR 8" & OVER.)
- YOKE INTEGRAL WITH BONNET
- LOOSE DISC
- RENEWABLE SEAT RINGS
- AVAILABLE WITH GEAR OPERATOR
- FLANGED ENDS
- BUTTWELDING ENDS

APPLICABLE STANDARDS:

- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598



PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		WCB	WC6	LCB
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Disc	A216-WCB+H/F	A217-WC6+H/F	A352-LCB+H/F
4	Stem	A276-410		
5	Seat	A105+H/F STL#6	A182-	A350-LF2+H/F
6	Disc Nut	A276-410		
7	Back Seat	A276-410		
8	Hand Wheel	A47 / A536		
9	Gasket	304 Spiralwound w/ Grafoil Filler		
10	Gland Flange	A216-WCB		
11	Gland	A276-410		
12	Gland Packing	Graphite		
13	Eye Bolt Pin	A276-410		
14	Stem Nut	A439-D2		
15	Washer	A36+Zn Plate		
16	Wheel Nut	A194-2H		
17	Eye Bolt	A307 B		
18	Eye Bolt Nut	A194-2H		
19	Bonnet Bolt	A193-B7	A193-B7	A193-B7M
20	Bonnet Bolt Nut	A194-2H	A194-2H	A194-2HM
21	Name Plate	A666-304		

OTHER MATERIALS ARE AVAILABEL UPON REQUEST.

TEST PRESSURE TO API 598

PSIG

SHELL TEST (water)	SEAT TEST (water)	SEAT TEST (air)
1125 (79 kg/cm ²)	814 (57 kg/cm ²)	80 (6 kg/cm ²)

DIMENSION TABLE:

DN	NPS	Ø d	L & L1	H	H(OPEN)	Ø W	T	F	Ø D	Ø C	Ø G	Ø h	n	WT.(Kg)
50	2	50.8	267	405	422	200	22.4	1.6	165.1	127.0	92.0	19.0	8	29
65	2 1/2	63.5	292	445	468	250	25.4	1.6	190.5	149.4	104.7	22.3	8	43
80	3	76.2	318	490	520	300	28.5	1.6	209.6	168.1	127.0	22.3	8	55
100	4	101.6	356	567	607	300	31.8	1.6	254.0	200.2	157.2	22.3	8	86
150	6	152.4	445	732	784	400	36.6	1.6	317.5	269.8	215.9	22.3	12	176
200	8	203.2	559	797	868	500	41.2	1.6	381.0	330.2	269.8	25.4	12	280
250	10	254.0	622	973	1042	600	47.8	1.6	444.5	387.4	323.9	28.5	16	420
300	12	304.8	711	1030	1140	700	50.8	1.6	520.7	450.9	381.0	31.8	16	645
350	14	366.6	838	1093	1154	800	53.9	1.6	584.2	514.4	412.8	31.8	20	880
400	16	387.4	864	1145	1206	900	57.2	1.6	647.7	571.5	469.9	35.1	20	1280

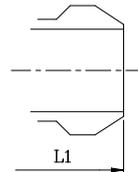
CAST STEEL GLOBE VALVES – ANSI CLASS 600

DESIGN DESCRIPTION:

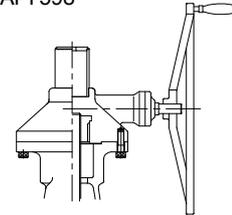
- OUTSIDE SCREW AND YOKE
- BOLTED BONNET
- RISING STEM AND HANDWHEEL (IMPACT HAMMER HANDWHEEL FOR 6" & OVER.)
- YOKE INTEGRAL WITH BONNET
- LOOSE DISC
- RENEWABLE SEAT RING
- AVAILABLE WITH GEAR OPERATOR
- FLANGED ENDS
- BUTTWELDING ENDS

APPLICABLE STANDARDS:

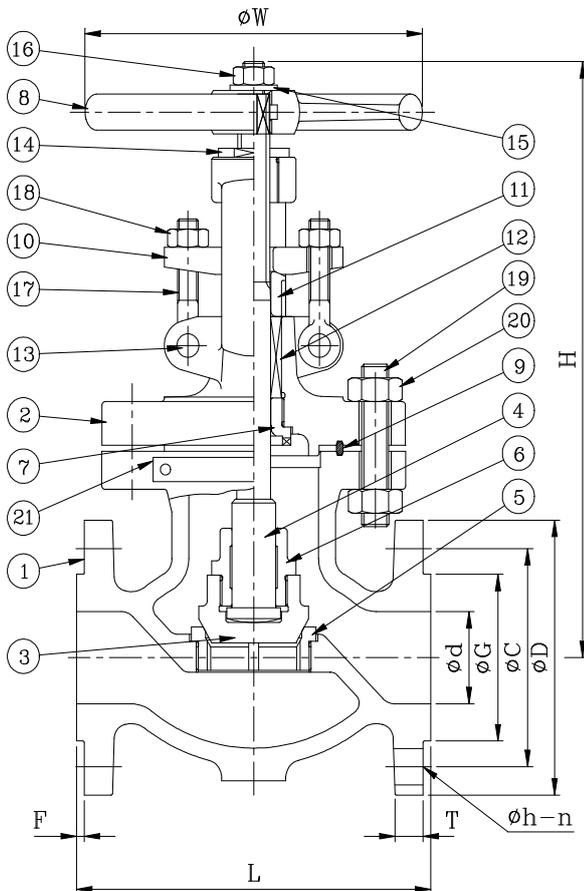
- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598



Butt welding Ends



Available With Gear Operator



PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		WCB	WC6	LCB
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Disc	A216-WCB+H/F	A217-WC6+H/F	A352-LCB+H/F
4	Stem	A276-410		
5	Seat	A105+ H/F STL#6	A182-F11+H/F	A350-LF2+H/F
6	Disc Nut	A276-410		
7	Back Seat	A276-410		
8	Hand Wheel	A47 / A536		
9	Gasket	Soft Iron		
10	Gland Flange	A216-WCB		
11	Gland	A276-410		
12	Gland Packing	Graphite		
13	Eye Bolt Pin	A276-410		
14	Stem Nut	A439-D2		
15	Washer	A36+Zn Plate		
16	Wheel Nut	A194-2H		
17	Eye Bolt	A193-B7		
18	Eye Bolt Nut	A194-2H		
19	Bonnet Bolt	A193-B7	A193-B7	A193-B7M
20	Bonnet Bolt Nut	A194-2H	A194-2H	A194-2H
21	Name Plate	A666-304		

OTHER MATERIALS ARE AVAILABEL UPON REQUEST.

TEST PRESSURE TO API 598

PSIG

SHELL TEST (water)	SEAT TEST (water)	SEAT TEST (air)
2250 (156 kg/cm ²)	1628 (77 kg/cm ²)	80 (6 kg/cm ²)

DIMENSION TABLE:

DN	NPS	Ø d	L & L1	H	H(OPEN)	Ø W	T	F	Ø D	Ø C	Ø G	Ø h	n	WT.(Kg)
50	2	50.8	292	430	445	250	25.4	6.4	165.1	127.0	92.0	19.0	8	41
65	2 1/2	63.5	330	500	520	250	28.5	6.4	190.5	149.4	104.7	22.3	8	61
80	3	76.2	356	530	565	300	31.8	6.4	209.6	168.2	127.0	22.3	8	79
100	4	101.6	432	650	677	400	38.1	6.4	273.1	215.9	157.2	25.4	8	126
150	6	152.4	559	50	890	580	47.8	6.4	355.6	292.1	215.9	28.5	12	260
200	8	200.2	660	1050	1120	600	55.6	6.4	419.1	349.3	269.8	31.8	12	410
250	10	247.7	787	1257	1340	650	63.5	6.4	508.0	431.8	323.9	35.0	16	625
300	12	298.0	838	1468	1570	650	66.6	6.4	558.8	489.0	381.0	35.0	20	860

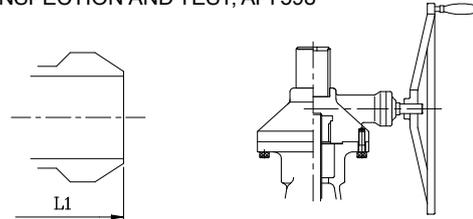
CAST STEEL GLOBE VALVES – ANSI CLASS 900

DESIGN DESCRIPTION:

- OUTSIDE SCREW AND YOKE
- BOLTED BONNET
- RISING STEM AND HANDWHEEL (IMPACT HAMMER HANDWHEEL FOR 6" & OVER.)
- YOKE INTEGRAL WITH BONNET
- LOOSE DISC
- RENEWABLE SEAT RING
- AVAILABLE WITH GEAR OPERATOR
- FLANGED ENDS
- BUTTWELDING ENDS

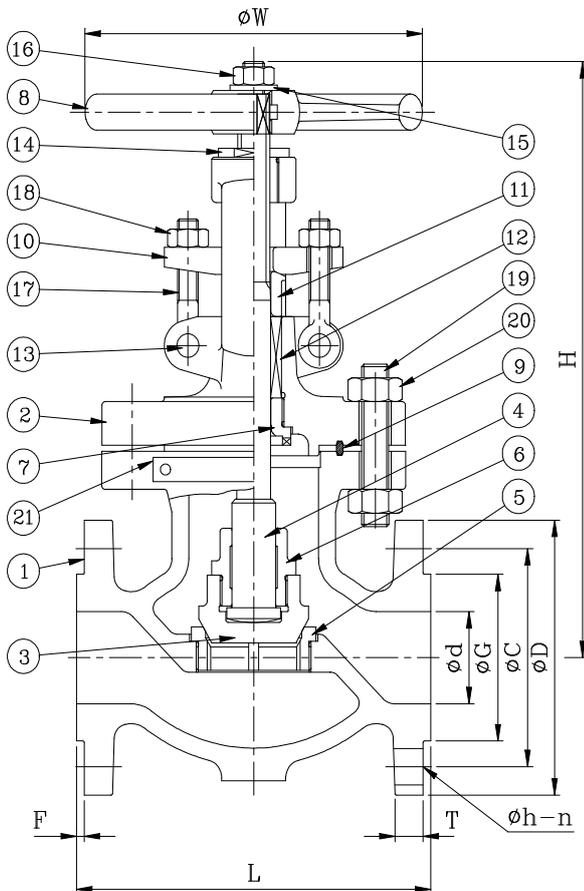
APPLICABLE STANDARDS:

- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598



Buttwelding Ends

Available With Gear Operator



PARTS AND MATERIAL (ASTM)

NO.	PARTS-NAME	MATERIALS		
		WCB	WC6	LCB
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Disc	A216-WCB+H/F	A217-WC6+H/F	A352-LCB+H/F
4	Stem	A276-410		
5	Seat	A105+ H/F STL#6	A182-F11+H/F	A350-LF2+H/F
6	Disc Nut	A276-410		
7	Back Seat	A276-410		
8	Hand Wheel	A47 / A536		
9	Gasket	Soft Iron		
10	Gland Flange	A216-WCB		
11	Gland	A276-410		
12	Gland Packing	Graphite		
13	Eye Bolt Pin	A276-410		
14	Stem Nut	A439-D2		
15	Washer	A36+Zn Plate		
16	Wheel Nut	A194-2H		
17	Eye Bolt	A193-B7		
18	Eye Bolt Nut	A194-2H		
19	Bonnet Bolt	A193-B7	A193-B7	A193-B7M
20	Bonnet Bolt Nut	A194-2H	A194-2H	A194-2H
21	Name Plate	A666-304		

OTHER MATERIALS ARE AVAILABEL UPON REQUEST.

TEST PRESSURE TO API 598

PSIG

SHELL TEST (water)	SEAT TEST (water)	SEAT TEST (air)
3350 (235 kg/cm ²)	2442 (171 kg/cm ²)	80 (6 kg/cm ²)

DIMENSION TABLE:

DN	NPS	Ø d	L & L1	H	H(OOPEN)	Ø W	T	F	Ø D	Ø C	Ø G	Ø h	n	WT.(Kg)
50	2	50.8	368.3	546	571	320	38.1	6.4	215.9	165.1	92.0	25.4	8	65
80	3	72.9	381.0	711	747	440	38.1	6.4	241.3	190.5	104.7	25.4	8	114
100	4	98.3	457.2	718	767	500	44.5	6.4	292.1	235.0	157.2	31.8	8	185
150	6	146.1	609.6	890	963	630	55.6	6.4	381.0	317.5	215.9	31.8	12	330
200	8	190.5	736.6	1240	1335	720	63.5	6.4	469.9	393.7	269.8	38.1	12	690
250	10	237.9	838.2	1651	1770	760	69.9	6.4	546.1	469.9	323.9	38.1	16	1268
300	12	282.5	965.2	1870	2011	850	79.2	6.4	609.6	533.4	381.0	38.1	20	1432

FORGED STEEL GLOBE VALVES – ANSI CLASS 150~800

DESIGN DESCRIPTION:

- BOLTED BONNET
- O.S & Y

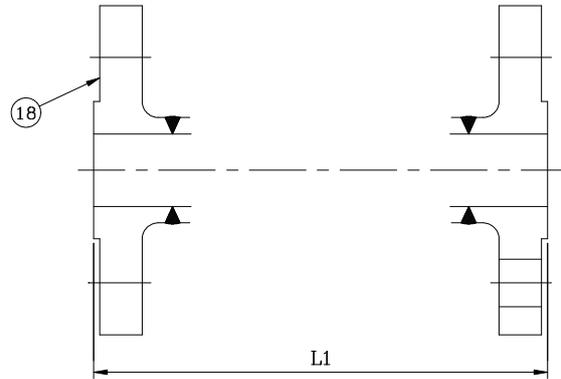
APPLICABLE STANDARDS:

- DESIGN PER API 602
- SOCKET WELD AND THREADED END PER ANSI B16.11
- PIPE THREADS PER ANSI B1.20.1
- FLANGED END PER ANSI B16.5
- INSPECTON AND TEST PER API 598

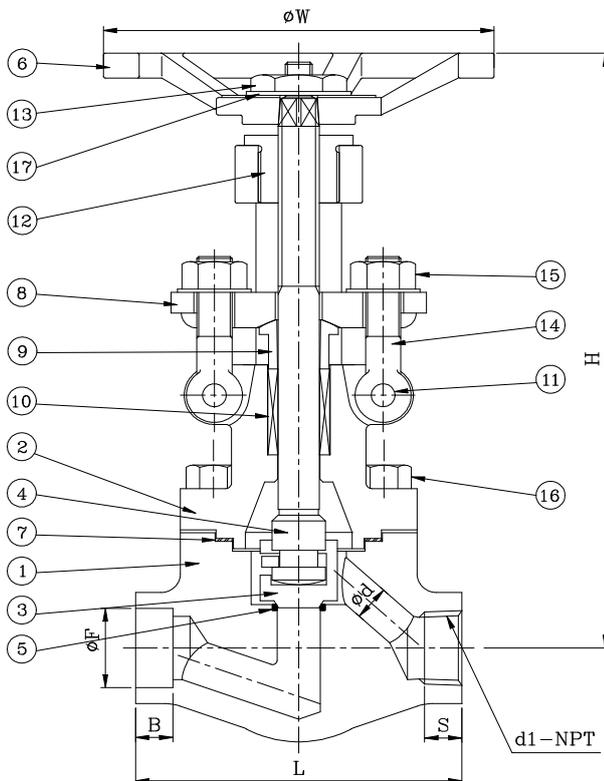
SOCKET WELD ENDS

SCREWED ENDS

FLANGED ENDS



Flanged Ends



TEST PRESSURE TO API 598

PSIG

CLASS	SHELL TEST(water)	SEAT TEST(water)	SEAT TEST(air)
150	450 (32 kg/cm ²)	314 (22 kg/cm ²)	80 (6 kg/cm ²)
300	1125 (79 kg/cm ²)	814 (57 kg/cm ²)	80 (6 kg/cm ²)
600	2225 (156 kg/cm ²)	1628 (114 kg/cm ²)	80 (6 kg/cm ²)
800	3000 (210 kg/cm ²)	2200 (154 kg/cm ²)	80 (6 kg/cm ²)

PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		A105	A182-F304	A182-F316
1	Body	A105	A182-F304	A182-F316
2	Bonnet	A105	A182-F304	A182-F316
3	Disc	A276-410	A276-304	A276-316
4	Stem	A276-410	A276-304	A276-316
5	Seat	A276-410+H/F	A276-304+H/F	A276-316+H/F
6	Hand Wheel	A47		
7	Gasket	Grafoil + 304 Spiralwound	Grafoil + 304 Spiralwound	Grafoil + 304 Spiralwound
8	Gland Flange	A105	A182-F304	A182-F304
9	Gland	A276-304	A276-304	A276-316
10	Gland Packing	Graphite		
11	Eye Bolt Pin	A276-304		
12	Stem Nut	A276-410		
13	Wheel Nut	A108-1020		
14	Eye Bolt	A193-B8		
15	Eye Bolt Nut	A194-2H	A194-8	A194-8
16	Bonnet Bolt	A193-B7	A193-B8	A193-B8
17	Name Plate	A666-304		
18	Flange	A105	A182-F304	A182-F316

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

DIMENSION TABLE:

DN	NPS	Ø d	L	L1			H(OPEN)	Ø W	SOCKET WELD		SCREWED		WT.(Kg) SW / NPT
				150#	300#	600#			Ø F	B	d1	S	
15	1/2	10	79	108	152	165	164	100	22	10	1/2" NPT	13.5	2
20	3/4	14	92	118	178	191	164	100	27	13	3/4" NPT	14.0	2.3
25	1	18	111	127	203	216	201	125	34	13	1" NPT	17.5	4.2
40	1 1/2	28	152	165	229	241	260	160	49	13	1 1/2" NPT	18.5	8.2
50	2	34	172	203	267	292	289	180	61	16	2" NPT	19.0	12.3

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- Geko Union Center of Competence
 - Geko Union Subsidiary
 - Geko Union Sales Office

Product Range Pumps:

Magnet Drive Pumps

- E Centrifugal Pumps according to DIN EN ISO 2858 & DIN EN ISO 15783
- E Centrifugal Pumps according to ASME B73.3
- E Centrifugal Pumps according to API 685
- E Multi-Stage Centrifugal Pumps (Barrel/Ring-Section Design)
- E Side Channel Pumps following DIN EN ISO 15783
- E Twin Screw Pumps, Single Volute, according to API 676 and DIN EN ISO 14847
- E Pumps in Close-Coupled Design
- E Pumps for High Pressure Applications
- E Pumps for High Temperature Applications
- E Self-Priming Pumps
- E Vertically Suspended (Sump) Pumps , Single- / Multi-Stage and Twin Screw Design
- E Vertical Inline Pumps

Mechanically Sealed Pumps

- E Centrifugal Pumps according to DIN EN ISO 2858 & DIN EN ISO 5199
- E Centrifugal Pumps following API 610 & ISO 13709
- E Multi-Stage Centrifugal Pumps (Barrel/Ring-Section Design)
- E Propeller Pumps, Horizontal / Vertical / Bottom-Flange
- E Side Channel Pumps
- E Twin Screw Pumps, Single / Double Volute, according to API 676 and DIN EN ISO 14847
- E Pumps for High Pressure Applications
- E Pumps for High Temperature Applications
- E Self-Priming Pumps
- E Vertically Suspended (Sump) Pumps , Single- / Multi-Stage and Twin Screw Design
- E Vertical Inline Pumps

Product Range Valves:

- E Globe Valves, T-Pattern
- E Globe Valves, Y-Pattern
- E Control Valves
- E Gate Valves, Isomorphous Construction Series
- E Gate Valves, Wedge or Wedge Plates
- E Check Valves
- E Butterfly Valves , Metal Seated
- E Control Butterfly Valves , Metal Seated

Geko Union Service Performance:

- E Workshop / On-Site Repairs
- E Genuine Spare Part Delivery Worldwide
- E Spare Parts Storage
- E Customized Spare Parts Management
- E On-Site Maintenance
- E Installation
- E Retrofitting
- E On-Site Testing / Monitoring
- E Customer Advisory Service
- E Start Up & Commissioning
- E Individual 24 / 7 Service
- E Trouble-Shooting
- E In-House & On-Site Training
- E On-Site Assembly and Disassembly
- E Long-Term Maintenance Contracts
- E Maintenance Planning and Consulting
- E Diagnostics

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