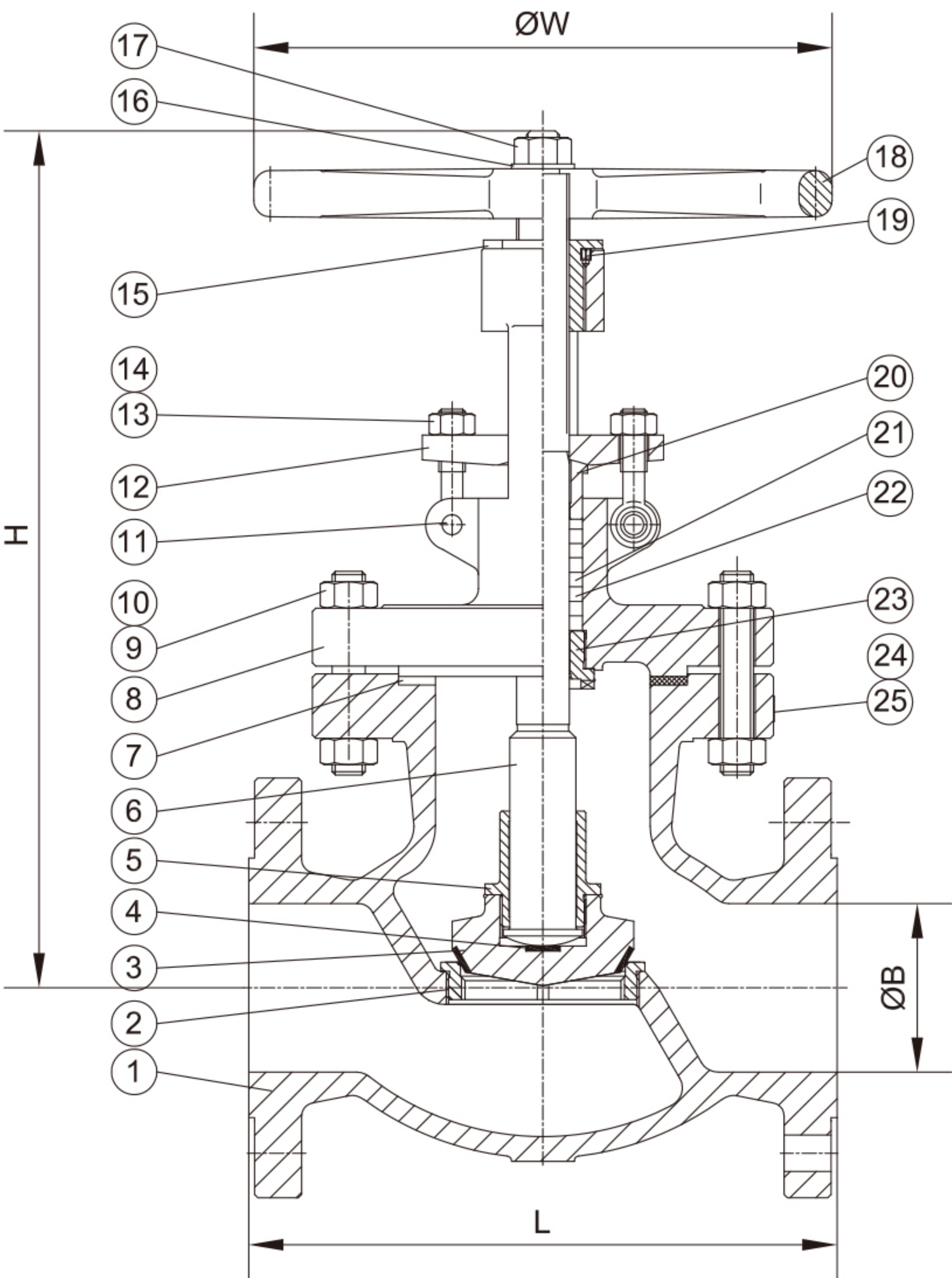
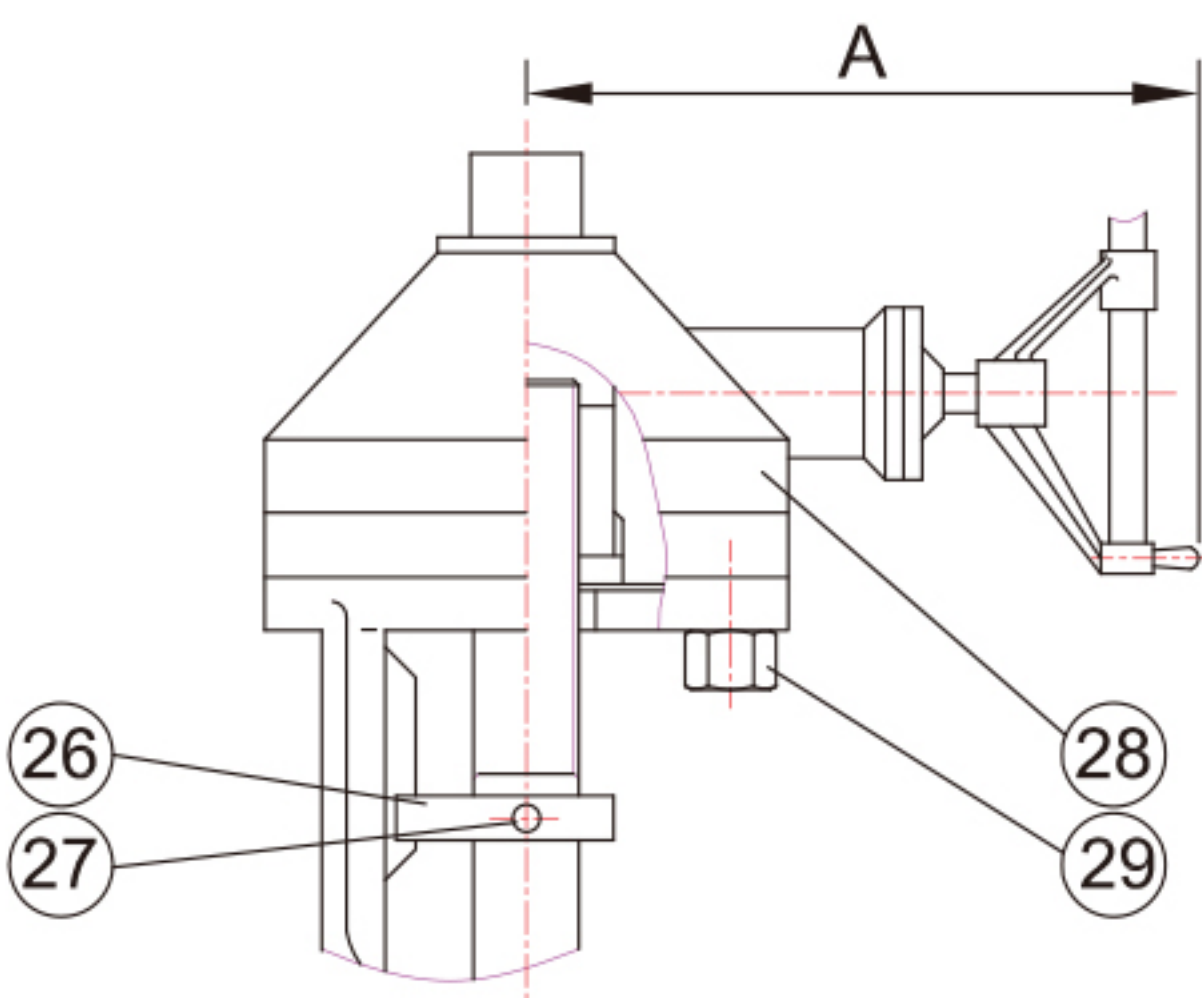


Globe Valve-Class 150

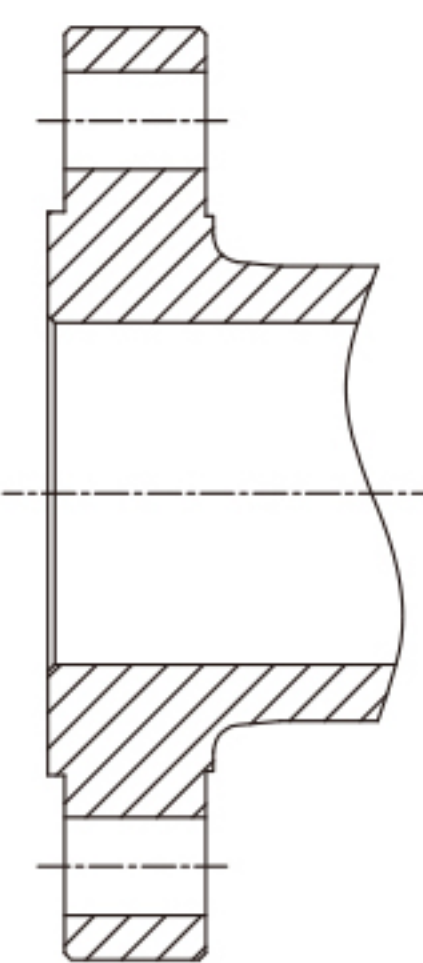
Standards	
Basic Design	BS 1873&ASME B16.34
Face To Face Dimensions	ASME B16.10
End Flange Dimensions	ASME B16.5 ASME B16.25
Test Standard	API 598



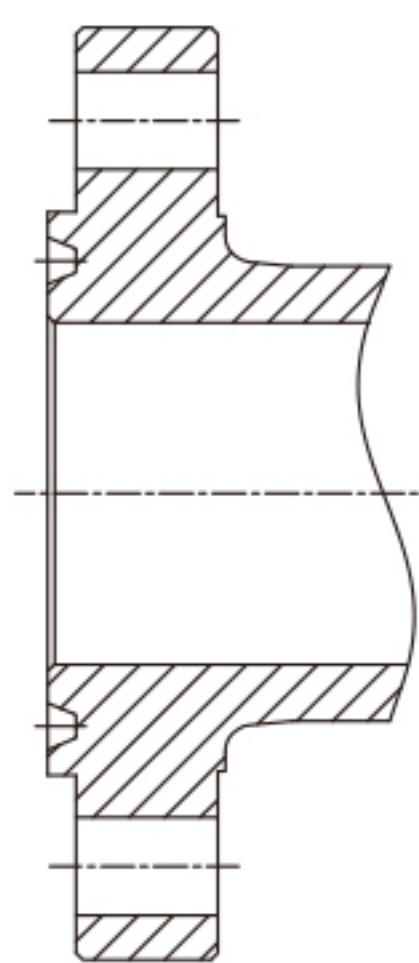
MATERIAL LIST						
NO.	Part Name	ASTM Specification(Specs-Grades/Types)				
		A216	A352	A217		A351
		WCB	LCC	WC6	C5	CF8M
1	Body	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
2	Seat Ring	A105,A350 LF2,A182 F11,A182 F5,A182 F304 or A182 F316				
	Seat Ring Surface	13CR(ER410),HF(STL.6/CoCr-A),304,316 or Monel				
3	Disc	A105,A350 LF2,A182 F11,A182 F5,A182 F304 or A182 F316				
	Disc Seating Surface	13CR(ER410),HF(STL.6/CoCr-A),304,316 or Monel				
4	Thrust Plate	13CR,304 or 316				
5	Disc Cover	A276 410,A182 F304,A182 F316 or Monel				
6	Stem	A182 F6a,A182 F304,A182 F316,17-4PH or Monel				
7	Gasket	08F , F304 or F316+FLEXIBLE GRAPHITE				
8	Bonnet	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
9	Bolt	A193 B7	A320 L7	A193 B16	A193 B16	A193 B8
10	Nut	A194 2H	A194 4	A194 4	A194 4	A194 8
11	Pin	CARBON STEEL				A276 Type 316
12	Gland Flange	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
13	Eye Bolt	A193 B7	A320 L7	A193 B16	A193 B16	A193 B8
14	Eye Nut	A194 2H	A194 4	A194 4	A194 4	A194 8
15	Stem Nut	A439-D2				
16	Gasket	CARBON STEEL				A276 Type 316
17	Handwheel Nut	CARBON STEEL				316
18	Handwheel	DUCTILE IRON				
19	Screw	CARBON STEEL				316
20	Gland	A276 410,A182 F304,A182 F316 or Monel				
21	Packing	F304+GRAPHITE+C.I.				
22	Packing	FLEXIBLE GRAPHITE+C.I.				
23	Back Seat	A276 410,A182 F304,A182 F316 or Monel				
24	Rivet	AISI 304				
25	Name Plate	AISI 304				
26	Guide	CARBON STEEL				A276 Type 316
27	Pin	CARBON STEEL				A276 Type 316
28	Gear Box	CARBON STEEL				
29	Hex Bolt	CARBON STEEL				316



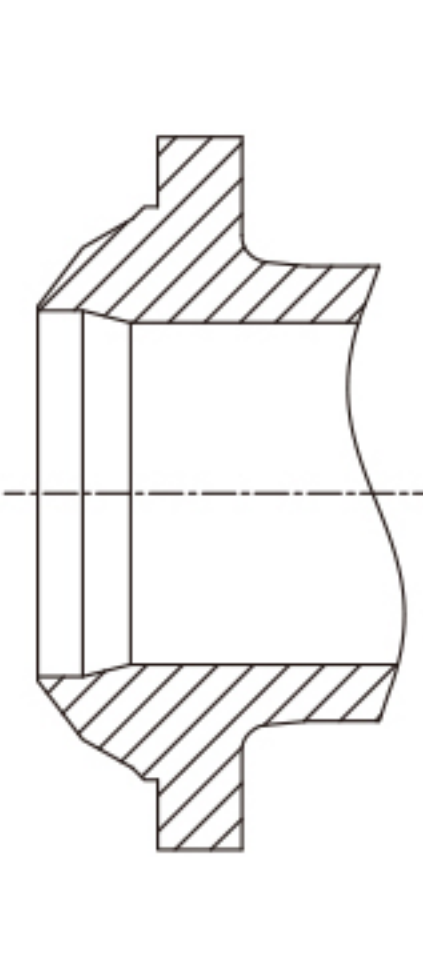
SIZE≥ 14"



RF



RTJ



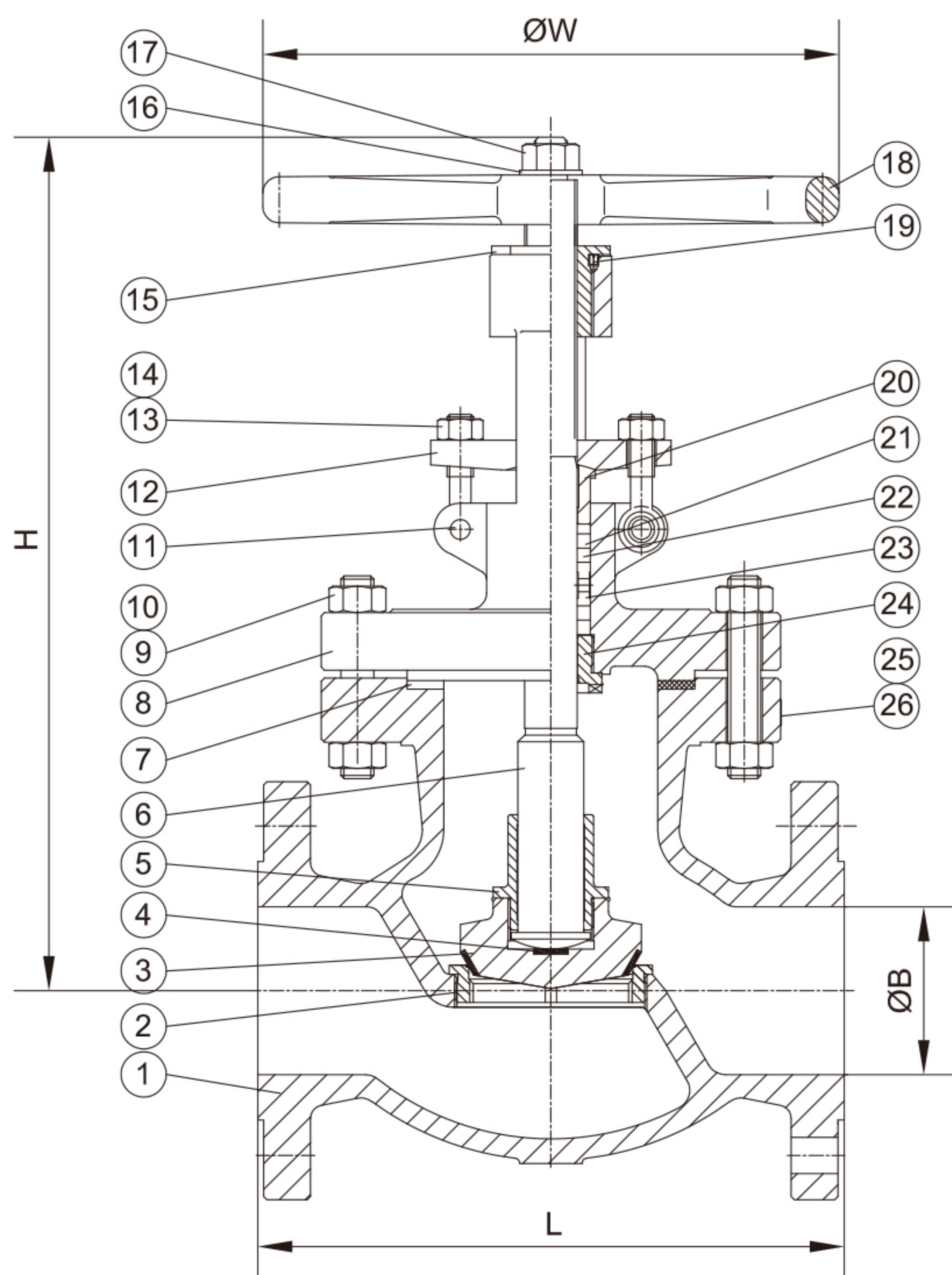
BW

DIMENSIONS AND WEIGHTS															
SIZE	NPS	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
L (RF-BW)	In	8.00	8.50	9.50	11.50	14.00	16.00	19.50	24.50	27.50	31.00	36.00	38.50	38.50	51.00
	Mm	203	216	241	292	356	406	495	622	699	787	914	978	978	1295
L (RTJ)	In	8.50	9.00	10.00	12.00	14.50	16.50	20.00	25.00	28.00	31.50	36.50	39.02	39.02	51.50
	Mm	216	229	254	305	368	419	508	635	711	800	927	991	991	1308
A	In	-	-	-	12.20	-	12.20	13.58	16.54	16.54	19.88	19.88	19.88	19.88	24.02
	Mm	-	-	-	310	-	310	345	420	420	505	505	505	505	610
B	In	2.00	2.52	3.00	4.00	5.00	6.00	8.00	10.00	12.00	13.25	15.25	17.25	19.25	23.25
	Mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591
H	In	12.83	13.78	13.94	17.72	17.99	18.86	21.65	25.43	32.84	35.63	39.37	45.67	43.31	51.97
	Mm	326	350	354	450	457	479	550	646	834	905	1000	1160	1100	1320
W	In	7.87	9.84	9.84	11.81	11.81	13.78	15.75	17.72	22.05	27.95	27.95	27.95	27.95	31.50
	Mm	200	250	250	300	300	350	400	450	560	710*	710*	710*	710*	800*
WT	KG	22	31	40	59	75	96	161	278	506	519	810	1040	1172	2032
	LB	49	68	88	130	165	212	355	613	1116	1144	1786	2293	2584	4480

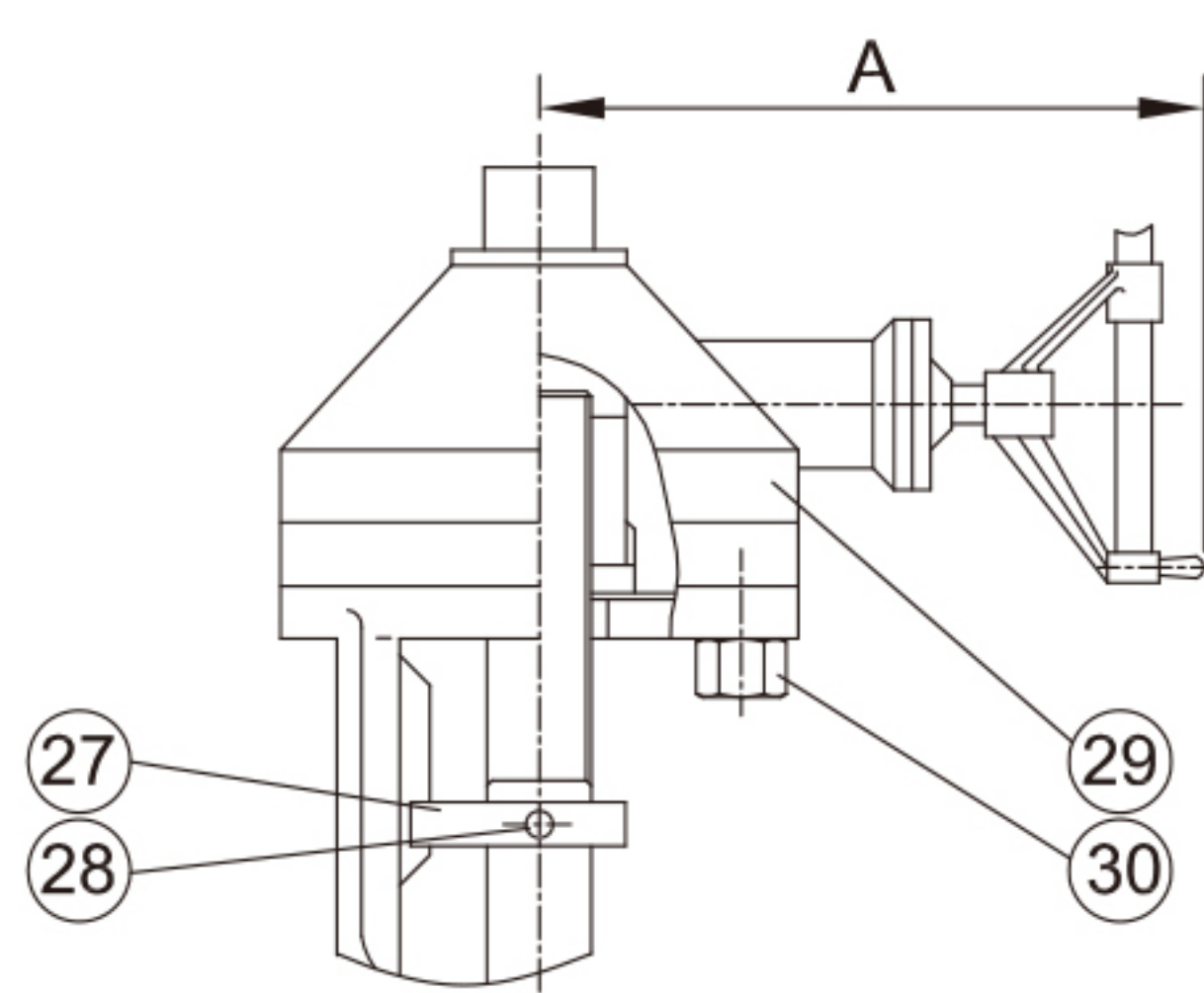
*GEAR OPERATOR RECOMMENDED.

Globe Valve-Class 300

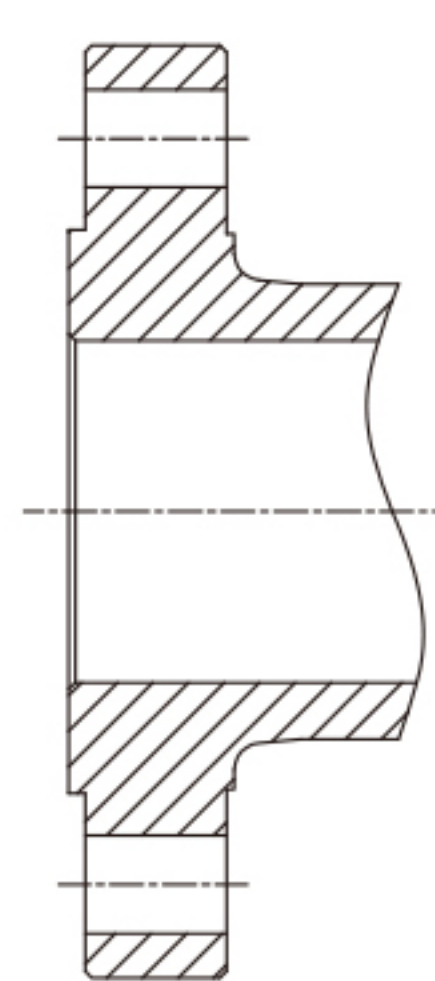
Standards	
Basic Design	BS 1873&ASME B16.34
Face To Face Dimensions	ASME B16.10
End Flange Dimensions	ASME B16.5 ASME B16.25
Test Standard	API 598



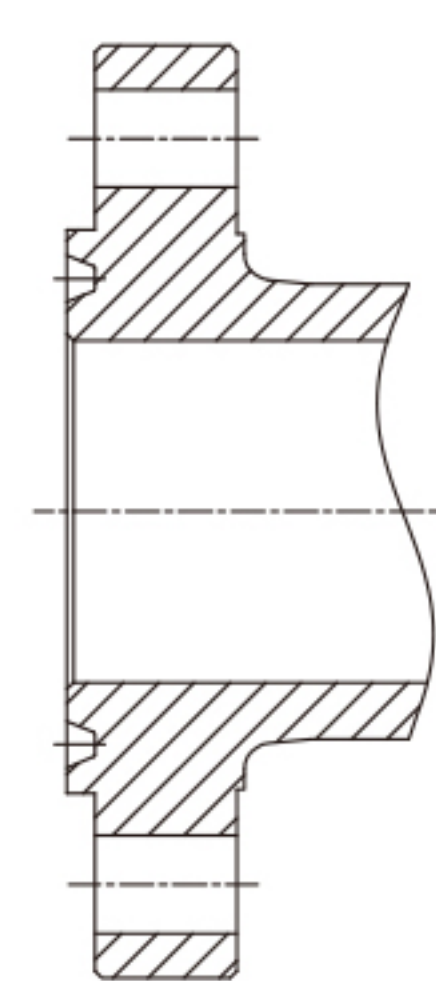
MATERIAL LIST					
NO.	Part Name	ASTM Specification (Specs-Grades/Types)			
		A216	A352	A217	A351
		WCB	LCC	WC6	C5
1	Body	A216 WCB	A352 LCC	A217 WC6	A217 C5
2	Seat Ring	A105, A350 LF2, A182 F11, A182 F5, A182 F304 or A182 F316			
	Seat Ring Surface	13CR (ER410), HF (STL.6/CoCr-A), 304, 316 or Monel			
3	Disc	A105, A350 LF2, A182 F11, A182 F5, A182 F304 or A182 F316			
	Disc Seating Surface	13CR (ER410), HF (STL.6/CoCr-A), 304, 316 or Monel			
4	Thrust Plate	13CR, 304 or 316			
5	Disc Cover	A276 410, A182 F304, A182 F316 or Monel			
6	Stem	A182 F6a, A182 F304, A182 F316, 17-4PH or Monel			
7	Gasket	08F, F304 or F316 + FLEXIBLE GRAPHITE			
8	Bonnet	A216 WCB	A352 LCC	A217 WC6	A217 C5
9	Bolt	A193 B7	A320 L7	A193 B16	A193 B16
10	Nut	A194 2H	A194 4	A194 4	A194 4
11	Pin	CARBON STEEL			
12	Gland Flange	A216 WCB	A352 LCC	A217 WC6	A217 C5
13	Eye Bolt	A193 B7	A320 L7	A193 B16	A193 B16
14	Eye Nut	A194 2H	A194 4	A194 4	A194 4
15	Stem Nut	A439-D2			
16	Gasket	CARBON STEEL			
17	Handwheel Nut	CARBON STEEL			
18	Handwheel	DUCTILE IRON			
19	Screw	CARBON STEEL			
20	Gland	A276 410, A182 F304, A182 F316 or Monel			
21	Packing	F304 + GRAPHITE + C.I.			
22	Packing	FLEXIBLE GRAPHITE + C.I.			
23	Distance Ring	A276 410, A182 F304, A182 F316 or Monel			
24	Back Seat	A276 410, A182 F304, A182 F316 or Monel			
25	Rivet	AISI 304			
26	Name Plate	AISI 304			
27	Guide	CARBON STEEL			
28	Pin	CARBON STEEL			
29	Gear Box	CARBON STEEL			
30	Hex Bolt	CARBON STEEL			



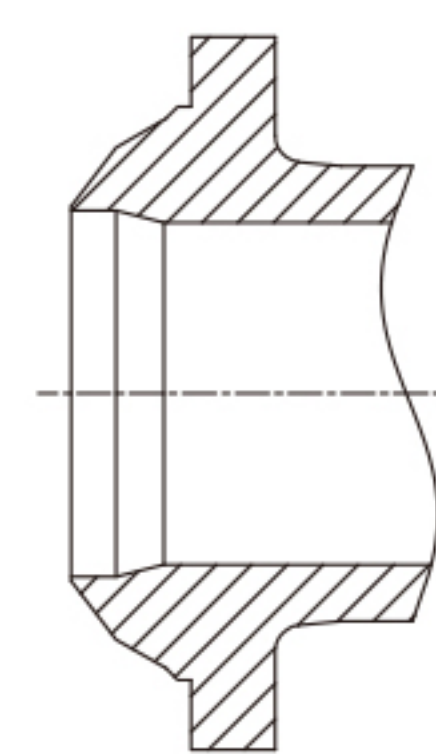
SIZE ≥ 14"



RF



RTJ



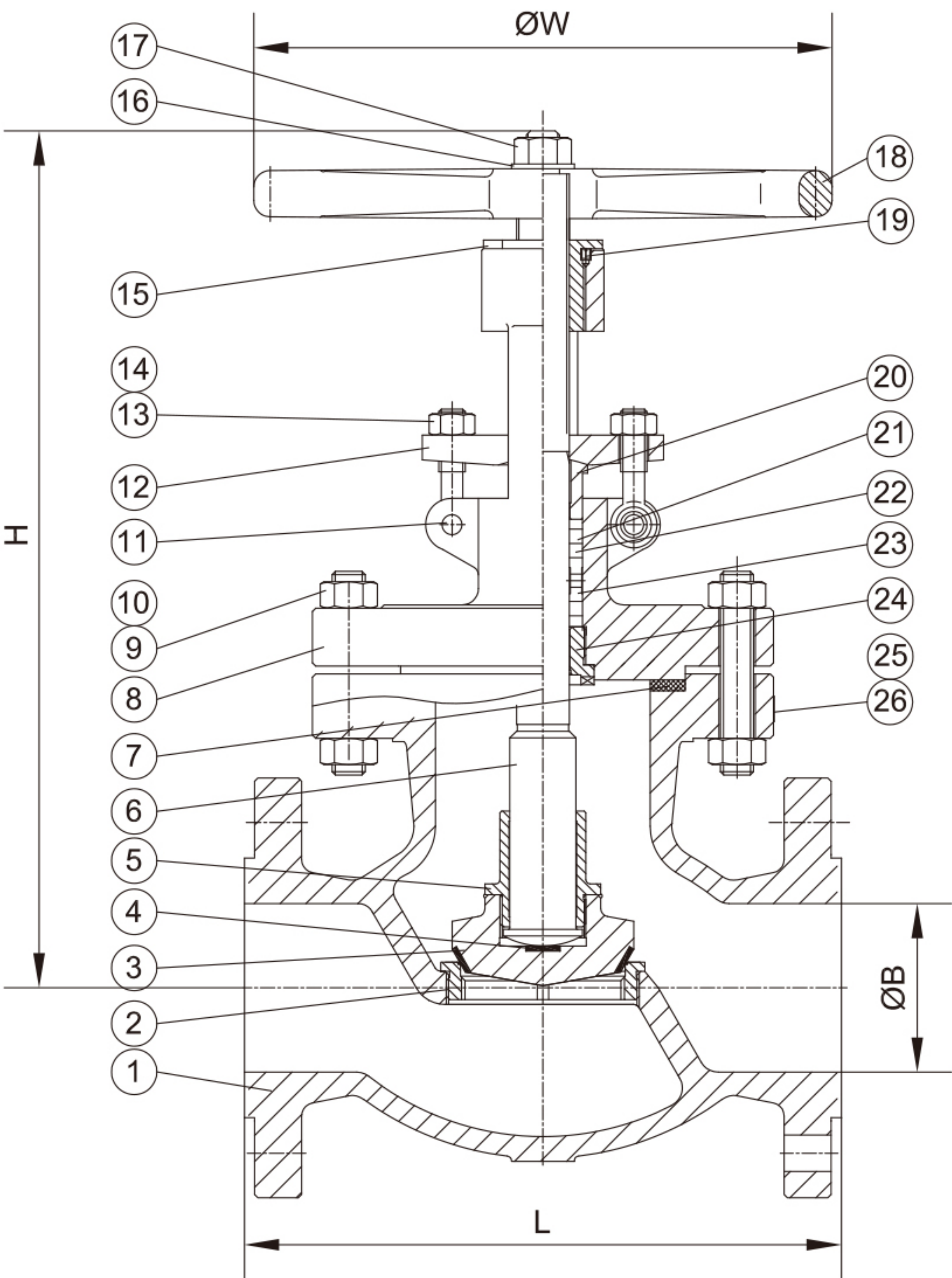
BW

DIMENSIONS AND WEIGHTS													
SIZE	NPS	2	2 1/2	3	4	5	6	8	10	12	14	16	18
L (RF-BW)	In	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00	33.00	34.00	38.50
	Mm	267	292	318	356	400	444	559	622	711	838	864	977
L (RTJ)	In	11.14	12.13	13.11	14.61	16.38	18.11	22.64	25.12	28.62	33.62	34.65	39.09
	Mm	283	308	333	371	416	460	575	638	727	854	880	993
A	In	-	-	-	-	-	13.58	16.54	16.54	19.88	19.88	19.88	19.88
	Mm	-	-	-	-	-	345	420	420	505	505	505	505
B	In	2.00	2.52	3.00	4.00	5.00	6.00	8.00	10.00	12.00	13.25	15.25	17.01
	Mm	51	64	76	102	127	152	203	254	305	337	387	432
H	In	12.80	15.35	16.14	19.92	20.55	22.24	31.89	32.17	34.29	36.22	41.54	45.67
	Mm	325	390	410	506	522	565	810	817	871	920	1055	1160
W	In	7.87	9.84	9.84	11.81	13.78	15.75	19.69	22.05	22.05	27.95	27.95	27.95
	Mm	200	250	250	300	350	400	500	560	560	710*	710*	710*
WT	KG	29	41	55	79	130	148	292	412	568	723	1072	1343
	LB	64	90	121	174	287	326	644	908	1252	1594	2363	2961

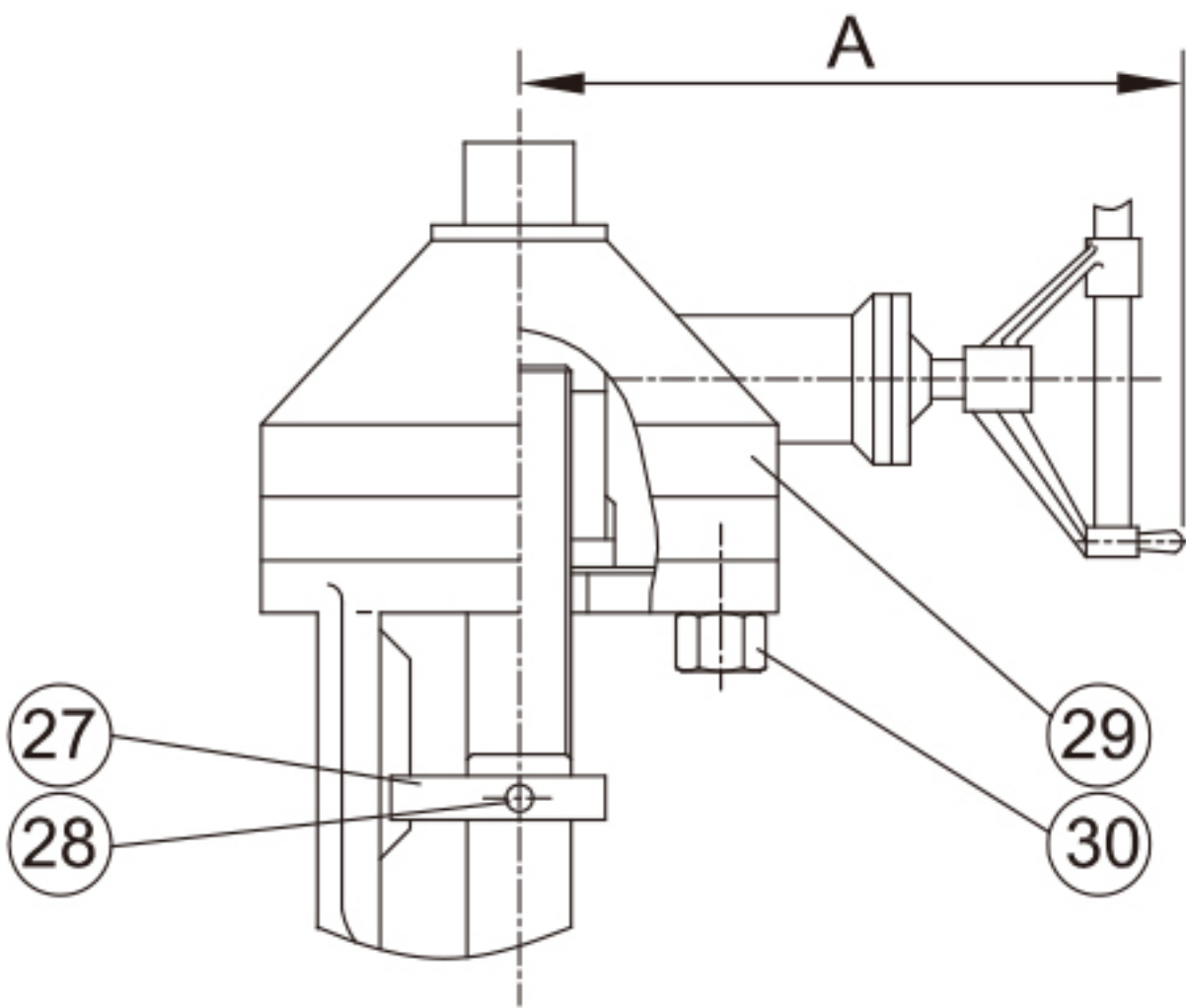
*GEAR OPERATOR RECOMMENDED.

Globe Valve-Class 600

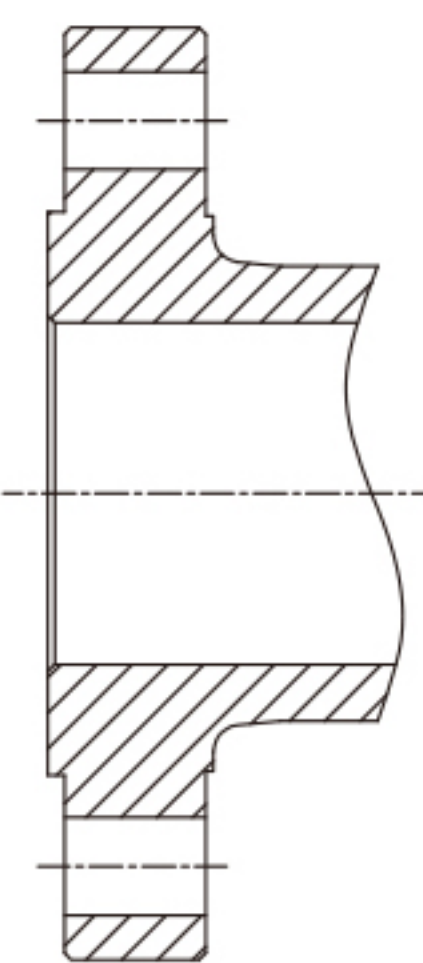
Standards	
Basic Design	BS 1873&ASME B16.34
Face To Face Dimensions	ASME B16.10
End Flange Dimensions	ASME B16.5 ASME B16.25
Test Standard	API 598



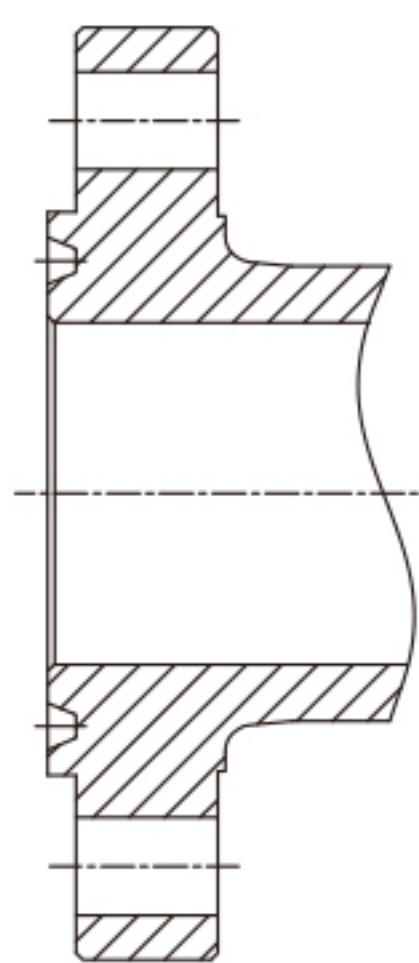
MATERIAL LIST						
NO.	Part Name	ASTM Specification(Specs-Grades/Types)				
		A216	A352	A217		A351
		WCB	LCC	WC6	C5	CF8M
1	Body	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
2	Seat Ring	A105,A350 LF2,A182 F11,A182 F5,A182 F304 or A182 F316				
	Seat Ring Surface	13CR(ER410),HF(STL.6/CoCr-A),304,316 or Monel				
3	Disc	A105,A350 LF2,A182 F11,A182 F5,A182 F304 or A182 F316				
	Disc Seating Surface	13CR(ER410),HF(STL.6/CoCr-A),304,316 or Monel				
4	Thrust Plate	13CR,304 or 316				
5	Disc Cover	A276 410,A182 F304, A182 F316 or Monel				
6	Stem	A182 F6a,A182 F304,A182 F316,17-4PH,or Monel				
7	Gasket	08F , F304 or F316+FLEXIBLE GRAPHITE				
8	Bonnet	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
9	Bolt	A193 B7	A320 L7	A193 B16	A193 B16	A193 B8
10	Nut	A194 2H	A194 4	A194 4	A194 4	A194 8
11	Pin	CARBON STEEL				A276 Type 316
12	Gland Flange	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
13	Eye Bolt	A193 B7	A320 L7	A193 B16	A193 B16	A193 B8
14	Eye Nut	A194 2H	A194 4	A194 4	A194 4	A194 8
15	Stem Nut	A439-D2				
16	Gasket	CARBON STEEL				A276 Type 316
17	Handwheel Nut	CARBON STEEL				316
18	Handwheel	DUCTILE IRON				
19	Screw	CARBON STEEL				316
20	Gland	A276 410,A182 F304,A182 F316 or Monel				
21	Packing	F304+GRAPHITE+C.I.				
22	Packing	FLEXIBLE GRAPHITE+C.I.				
23	Distance Ring	A276 410,A182 F304,A182 F316 or Monel				
24	Back Seat	A276 410,A182 F304,A182 F316 or Monel				
25	Rivet	AISI 304				
26	Name Plate	AISI 304				
27	Guide	CARBON STEEL				A276 Type 316
28	Pin	CARBON STEEL				A276 Type 316
29	Gear Box	CARBON STEEL				
30	Hex Bolt	CARBON STEEL				316



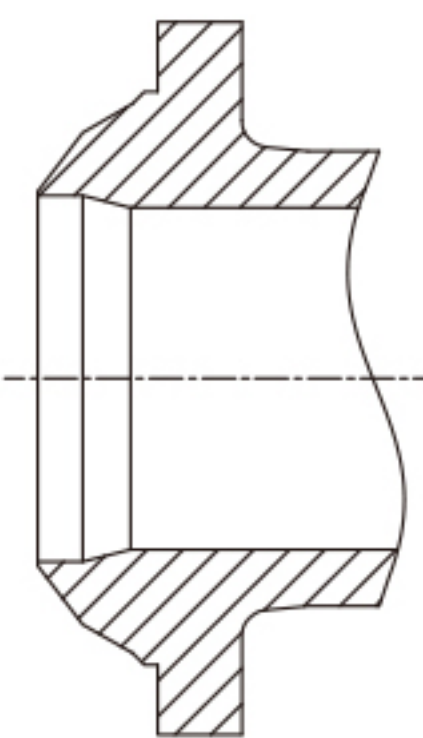
SIZE≥ 8"



RF



RTJ



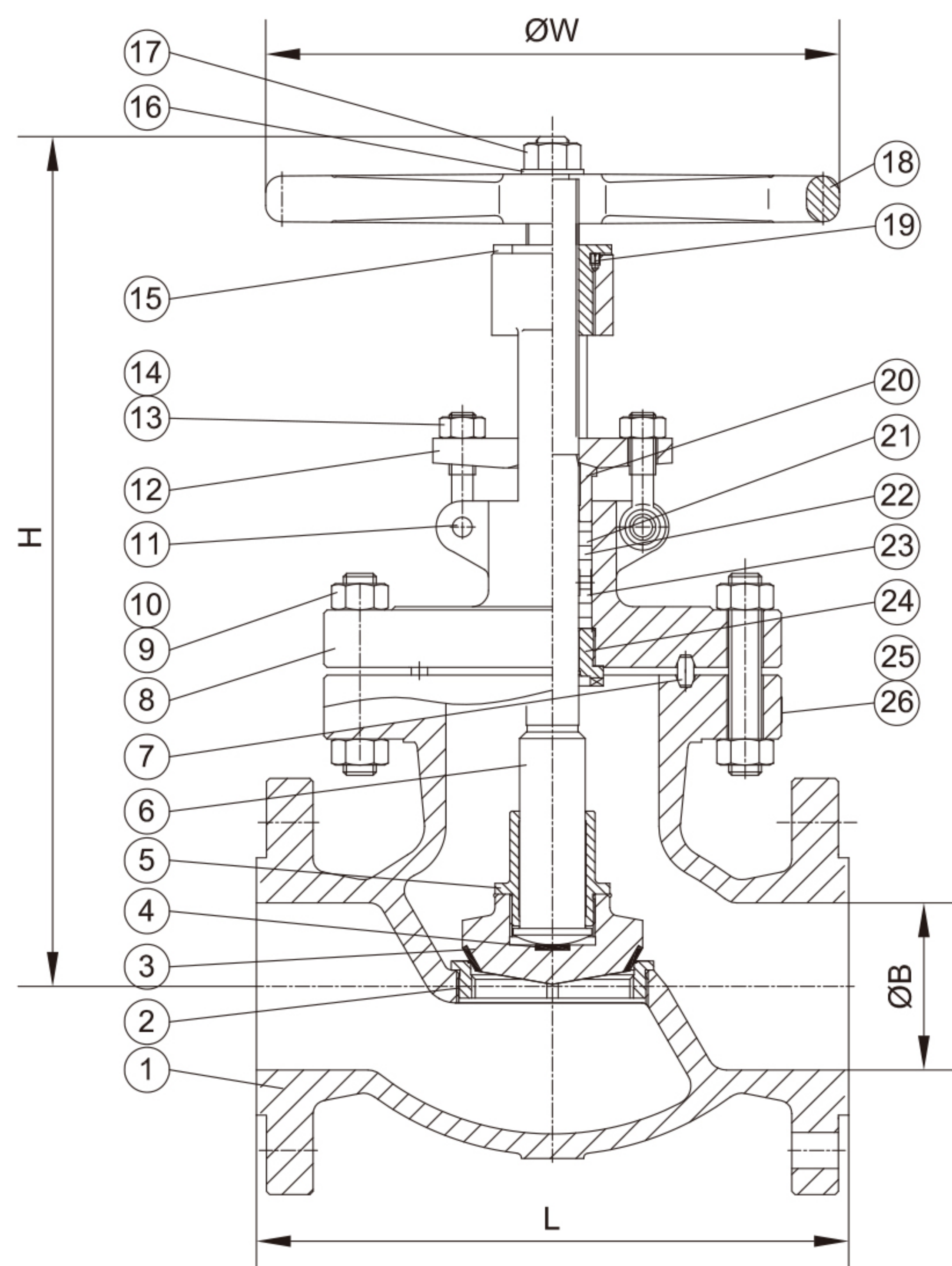
BW

DIMENSIONS AND WEIGHTS											
SIZE	NPS	2	2 1/2	3	4	6	8	10	12	14	16
L (RF-BW)	In	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00
	Mm	292	330	356	432	559	660	787.4	838	889	991
L (RTJ)	In	11.62	13.11	14.13	17.13	22.13	26.14	31.12	33.11	35.11	39.13
	Mm	295	333	359	435	562	664	790.4	841	892	994
A	In	-	-	-	13.58	16.54	19.88	19.88	19.88	24.02	24.02
	Mm	-	-	-	345	420	505	505	505	610	610
B	In	2.00	2.52	3.00	4.00	6.00	7.88	9.76	11.73	12.88	14.76
	Mm	51	64	76	102	152	200	248	298	327	375
H	In	14.76	19.02	18.39	21.54	29.69	32.87	34.13	39.45	44.96	47.64
	Mm	375	483	467	547	754	835	867	1002	1142	1210
W	In	9.84	11.81	13.78	15.75	19.69	27.95	27.95	27.95	31.50	31.50
	Mm	250	300	350	400	500	710*	710*	710*	800*	800*
WT	KG	35	58	65	117	275	424	700	900	1395	1750
	LB	77	128	143	258	606	935	1543	1984	3075	3858

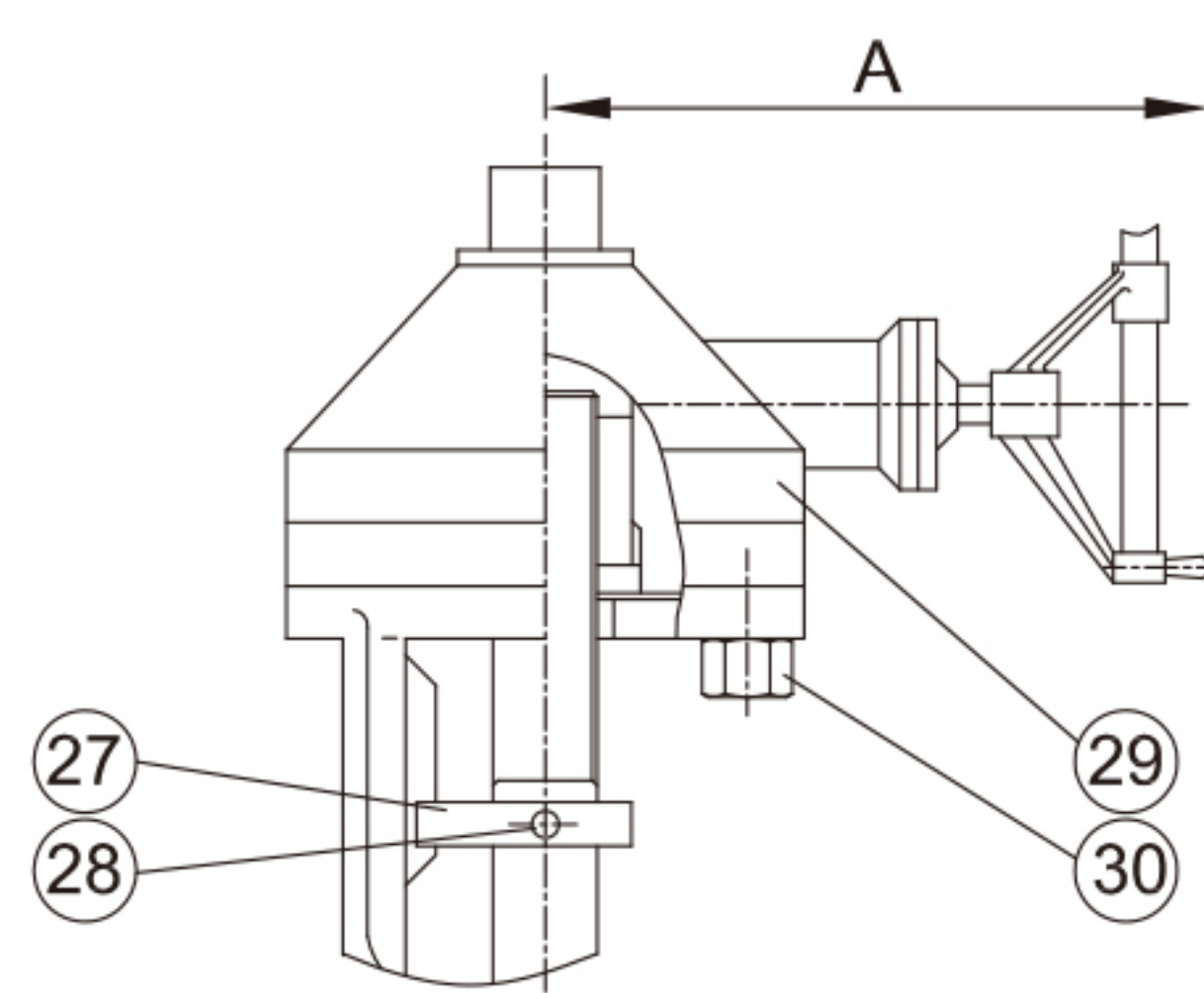
*GEAR OPERATOR RECOMMENDED.

Globe Valve-Class 900

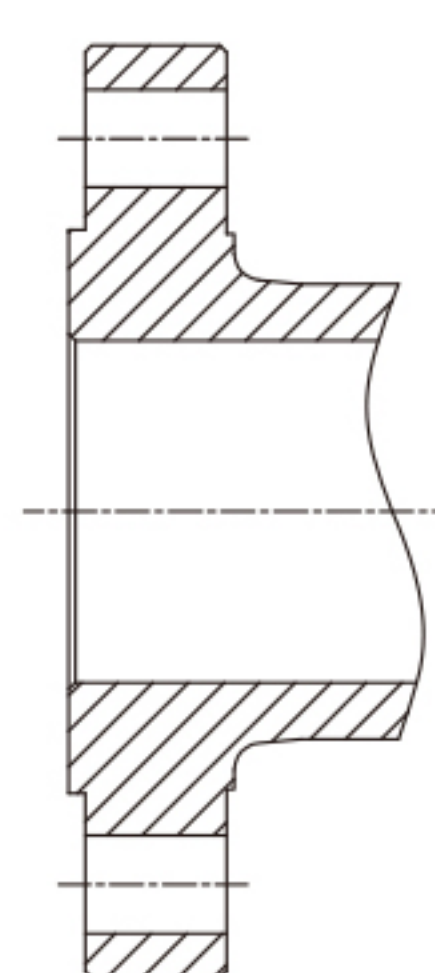
Standards	
Basic Design	BS 1873&ASME B16.34
Face To Face Dimensions	ASME B16.10
End Flange Dimensions	ASME B16.5 ASME B16.25
Test Standard	API 598



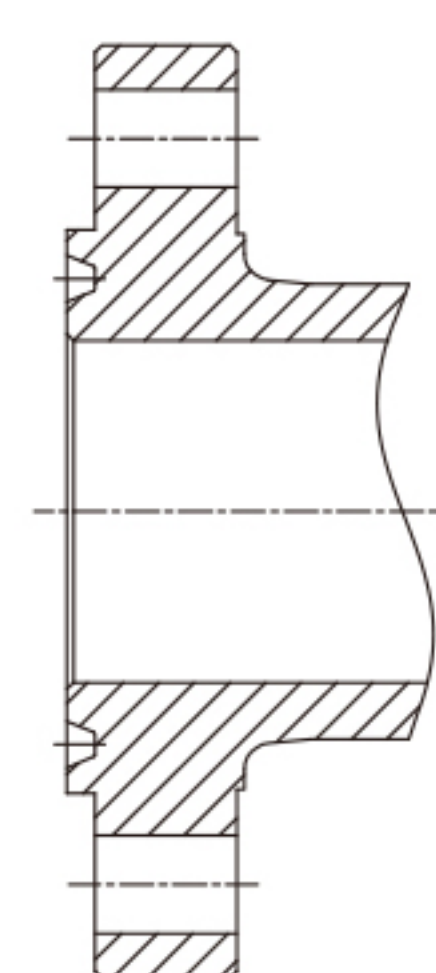
MATERIAL LIST		ASTM Specification (Specs-Grades/Types)				
NO.	Part Name	A216	A352	A217	A351	
		WCB	LCC	WC6	C5	CF8M
1	Body	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
2	Seat Ring	A105, A350 LF2, A182 F11, A182 F5, A182 F304 or A182 F316				
	Seat Ring Surface	13CR (ER410), HF (STL.6/CoCr-A), 304, 316 or Monel				
3	Disc	A105, A350 LF2, A182 F11, A182 F5, A182 F304 or A182 F316				
	Disc Seating Surface	13CR (ER410), HF (STL.6/CoCr-A), 304, 316 or Monel				
4	Thrust Plate	13CR, 304 or 316				
5	Disc Cover	A276 410, A182 F304, A182 F316 or Monel				
6	Stem	A182 F6a, A182 F304, A182 F316, 17-4PH or Monel				
7	Gasket	F304, F316 or SOFT IRON				
8	Bonnet	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
9	Bolt	A193 B7	A320 L7	A193 B16	A193 B16	A193 B8
10	Nut	A194 2H	A194 4	A194 4	A194 4	A194 8
11	Pin	CARBON STEEL				
		A276 Type 316				
12	Gland Flange	A216 WCB	A352 LCC	A217 WC6	A217 C5	A351 CF8M
13	Eye Bolt	A193 B7	A320 L7	A193 B16	A193 B16	A193 B8
14	Eye Nut	A194 2H	A194 4	A194 4	A194 4	A194 8
15	Stem Nut	A439-D2				
16	Gasket	CARBON STEEL				
		A276 Type 316				
17	Handwheel Nut	CARBON STEEL				
		316				
18	Handwheel	DUCTILE IRON				
19	Screw	CARBON STEEL				
		316				
20	Gland	A276 410, A182 F304, A182 F316 or Monel				
21	Packing	F304+GRAPHITE+C.I.				
22	Packing	FLEXIBLE GRAPHITE+C.I.				
23	Distance Ring	A276 410, A182 F304, A182 F316 or Monel				
24	Back Seat	A276 410, A182 F304, A182 F316 or Monel				
25	Rivet	AISI 304				
26	Name Plate	AISI 304				
27	Guide	CARBON STEEL				
		A276 Type 316				
28	Pin	CARBON STEEL				
		A276 Type 316				
29	Gear Box	CARBON STEEL				
30	Hex Bolt	CARBON STEEL				
		316				



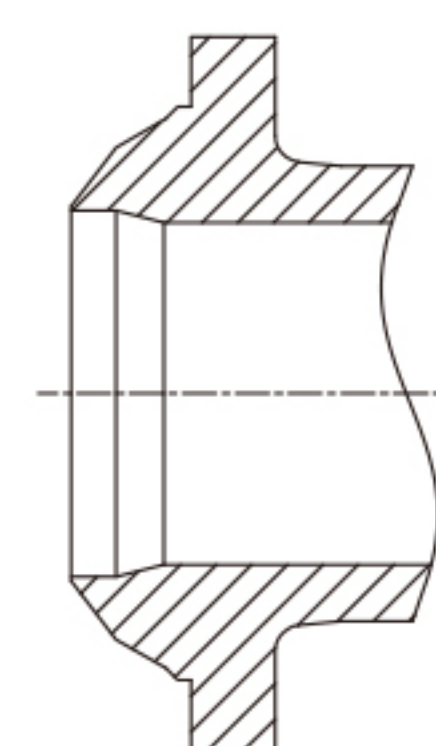
SIZE ≥ 4"



RF



RTJ



BW

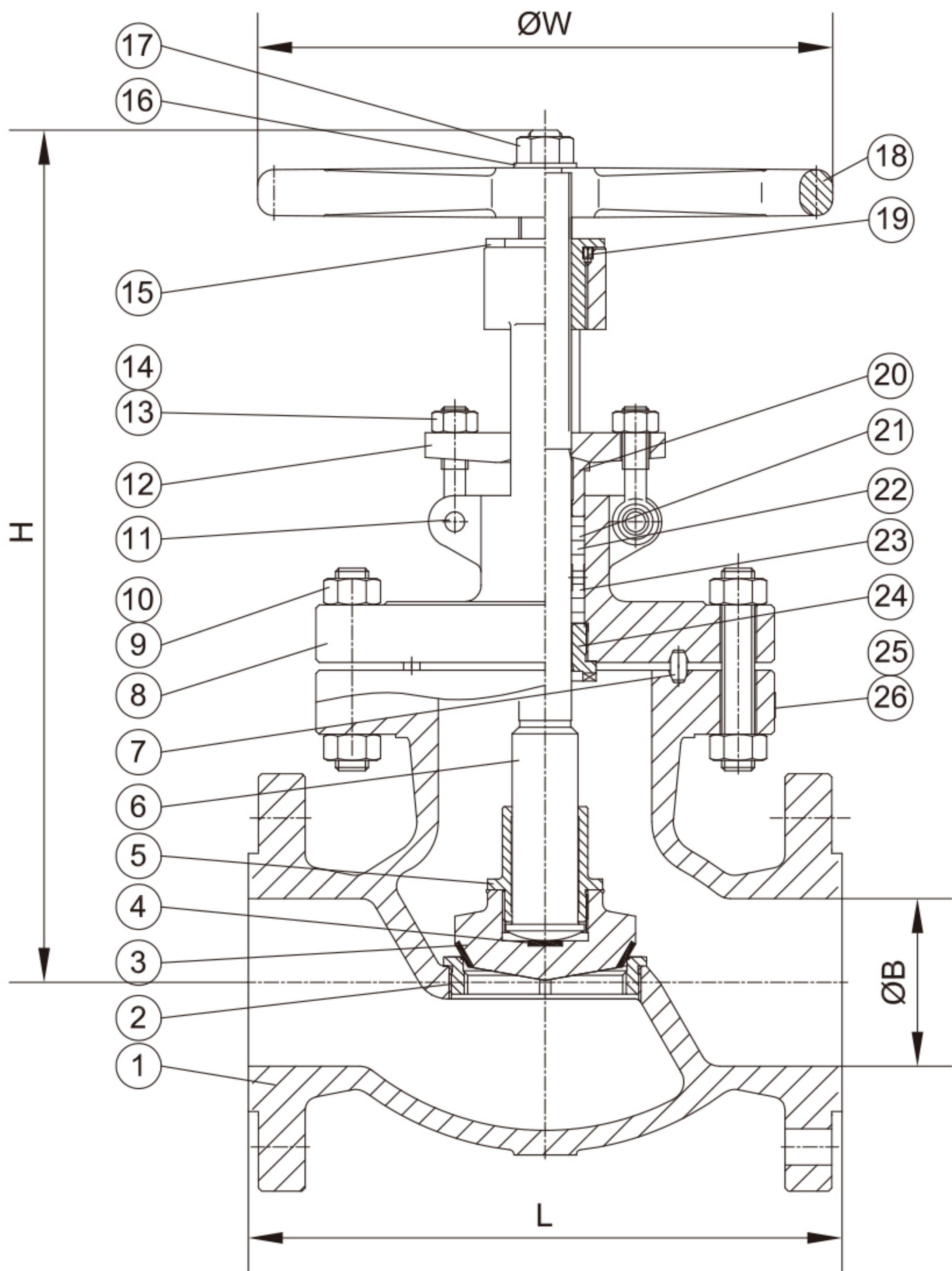
DIMENSIONS AND WEIGHTS									
SIZE	NPS	2	2 1/2	3	4	6	8	10	12
L (RF-BW)	In	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00
	Mm	368	419	381	457	610	736.6	838	965
L (RTJ)	In	14.61	16.61	15.12	18.11	24.13	29.13	33.11	38.11
	Mm	371	422	384	460	613	740	841	968
A	In	-	-	-	16.54	19.88	19.88	19.88	24.02
	Mm	-	-	-	420	505	505	505	610
B	In	1.87	2.24	2.87	3.90	5.75	7.48	9.37	11.10
	Mm	47.5	57	73	99	146	190	238	282
H	In	18.31	22.99	22.83	28.74	31.18	33.70	38.43	45.39
	Mm	465	584	580	730	792	856	976	1153
W	In	13.78	15.75	15.75	24.02	27.95	27.95	27.95	31.50
	Mm	350	400	400	610*	710*	710*	710*	800*
WT	KG	98	130	146	201	467	710	870	1350
	LB	216	287	322	443	1030	1565	1918	2976

*GEAR OPERATOR RECOMMENDED.

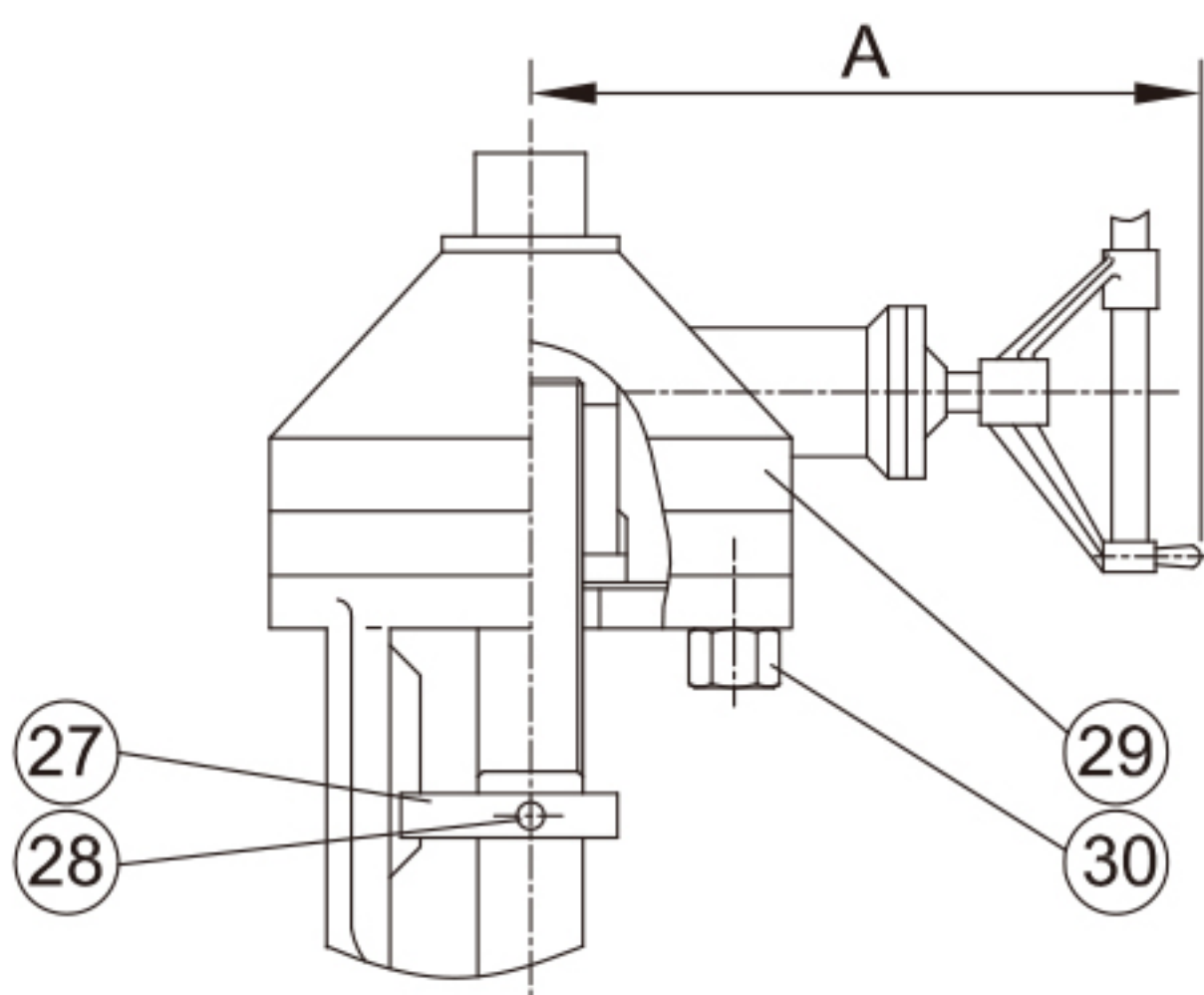


Globe Valve-Class 1500

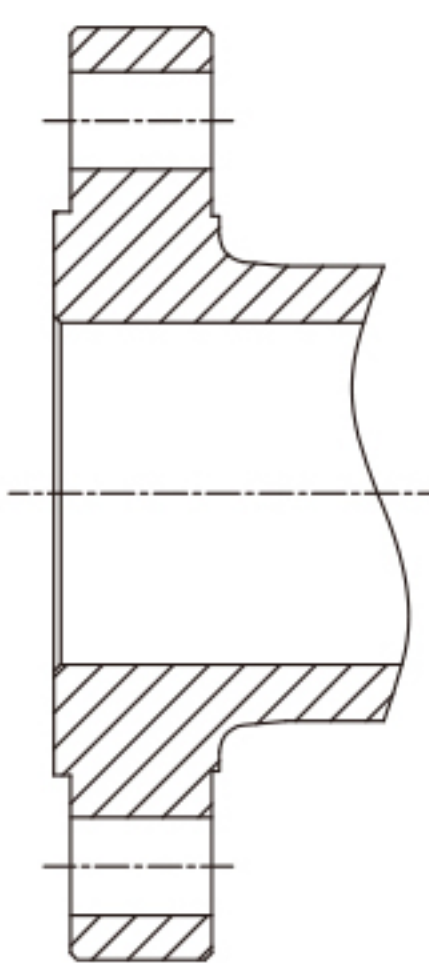
Standards	
Basic Design	BS 1873&ASME B16.34
Face To Face Dimensions	ASME B16.10
End Flange Dimensions	ASME B16.5 ASME B16.25
Test Standard	API 598



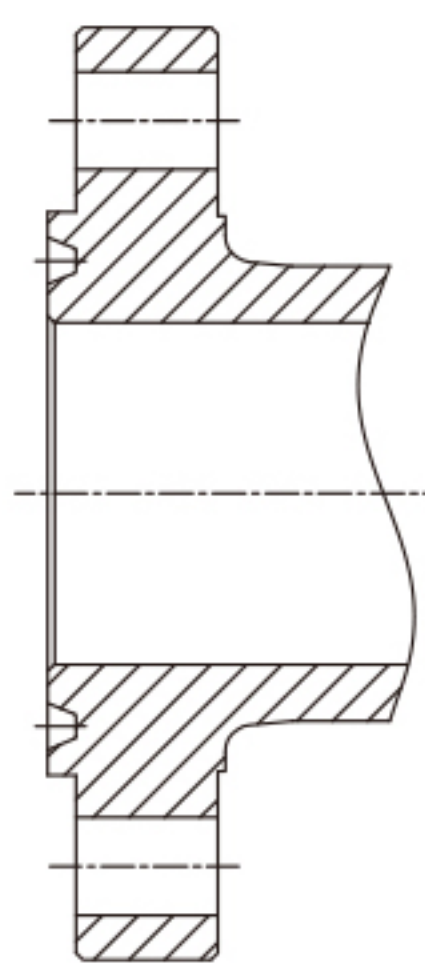
MATERIAL LIST					
NO.	Part Name	ASTM Specification(Specs-Grades/Types)			
		A216 WCB	A352 LCC	A217 WC6 C5	A351 CF8M
1	Body	A216 WCB	A352 LCC	A217 WC6	A217 C5 A351 CF8M
2	Seat Ring	A105,A350 LF2,A182 F11,A182 F5,A182 F304 or A182 F316			
	Seat Ring Surface	13CR(ER410),HF(STL.6/CoCr-A),304,316 or Monel			
3	Disc	A105,A350 LF2,A182 F11,A182 F5,A182 F304 or A182 F316			
	Disc Seating Surface	13CR(ER410),HF(STL.6/CoCr-A),304,316 or Monel			
4	Thrust Plate	13CR,304 or 316			
5	Disc Cover	A276 410,A182 F304,A182 F316 or Monel			
6	Stem	A182 F6a,A182 F304,A182 F316,17-4PH or Monel			
7	Gasket	F304 , F316 or SOFT IRON			
8	Bonnet	A216 WCB	A352 LCC	A217 WC6	A217 C5 A351 CF8M
9	Bolt	A193 B7	A320 L7	A193 B16	A193 B16 A193 B8
10	Nut	A194 2H	A194 4	A194 4	A194 4 A194 8
11	Pin	CARBON STEEL			
12	Gland Flange	A216 WCB	A352 LCC	A217 WC6	A217 C5 A351 CF8M
13	Eye Bolt	A193 B7	A320 L7	A193 B16	A193 B16 A193 B8
14	Eye Nut	A194 2H	A194 4	A194 4	A194 4 A194 8
15	Stem Nut	A439-D2			
16	Gasket	CARBON STEEL			
17	Handwheel Nut	CARBON STEEL			
18	Handwheel	DUCTILE IRON			
19	Screw	CARBON STEEL			
20	Gland	A276 410,A182 F304,A182 F316 or Monel			
21	Packing	F304+GRAPHITE+C.I.			
22	Packing	FLEXIBLE GRAPHITE+C.I.			
23	Distance Ring	A276 410,A182 F304,A182 F316 or Monel			
24	Back Seat	A276 410,A182 F304,A182 F316 or Monel			
25	Rivet	AISI 304			
26	Name Plate	AISI 304			
27	Guide	CARBON STEEL			
28	Pin	CARBON STEEL			
29	Gear Box	CARBON STEEL			
30	Hex Bolt	CARBON STEEL			



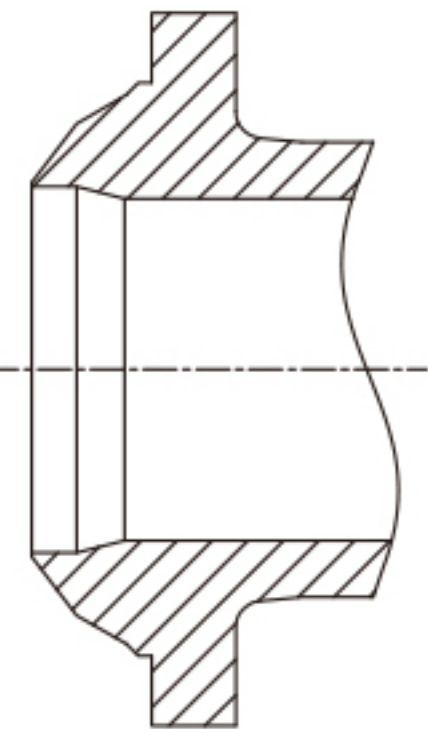
SIZE≥ 4"



RF



RTJ



BW

DIMENSIONS AND WEIGHTS							
SIZE	NPS	2	2 1/2	3	4	6	8
L (RF-BW)	In	14.50	16.50	18.50	21.50	27.75	32.75
	Mm	368	419	470	546	705	832
L (RTJ)	In	14.61	16.61	18.62	21.61	27.99	33.11
	Mm	371	422	473	549	711	841
A	In	-	-	-	16.54	13.58	24.02
	Mm	-	-	-	420	345	610
B	In	1.87	2.24	2.76	3.62	5.35	7.01
	Mm	47.5	57	70	92	136	178
H	In	18.31	22.99	25.75	26.22	34.96	43.11
	Mm	465	584	654	666	888	1095
W	In	13.78	15.75	17.72	24.02	27.95	31.50
	Mm	350	400	450	610*	710*	800*
WT	KG	98	130	185	305	674	720
	LB	216	287	408	672	1486	1587

*GEAR OPERATOR RECOMMENDED.