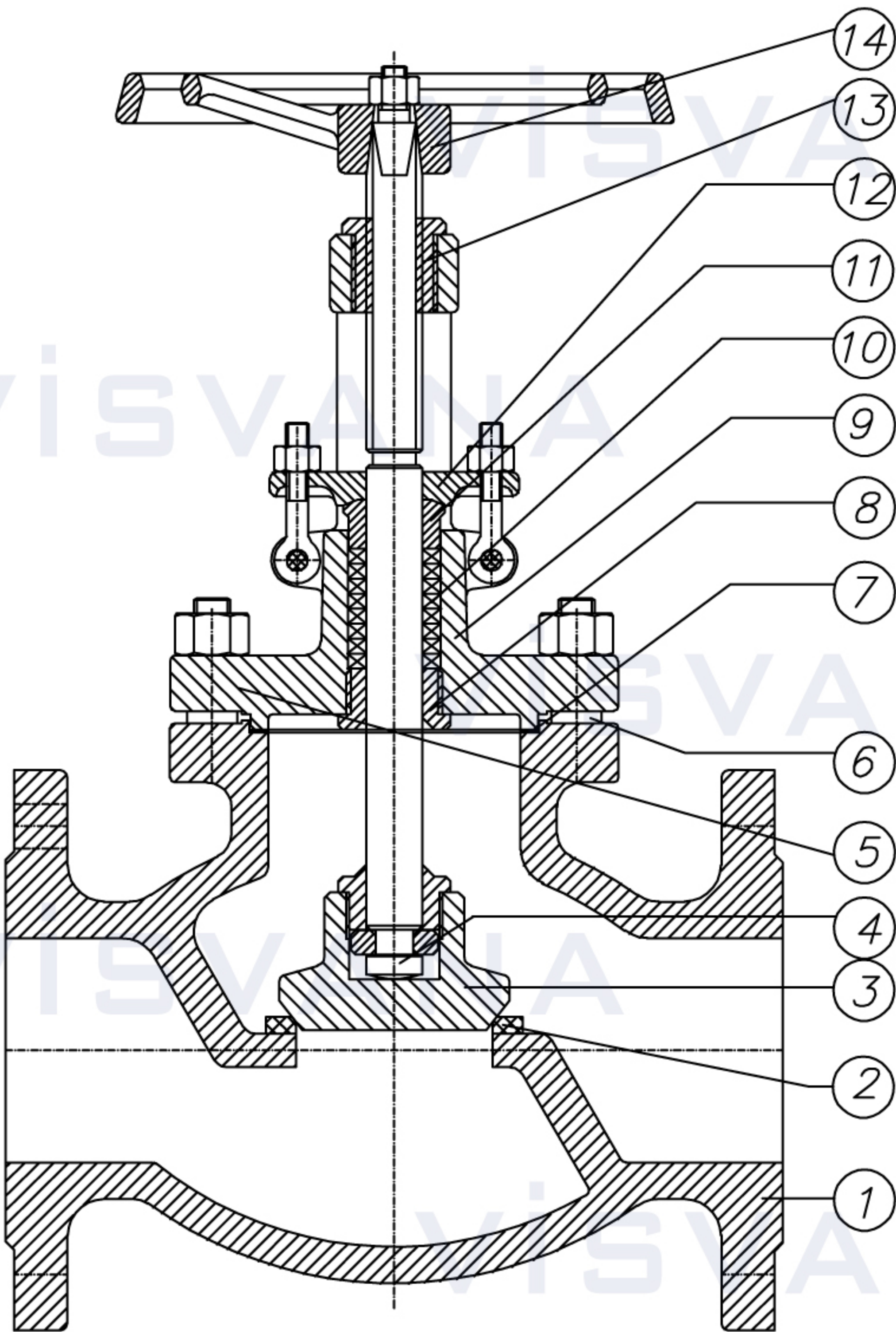


API GLOBE VALVE



STANDARD MATERIAL TO API600

Trim Code	Seat Ring Surface Part No.2	Wadge Surface Part No.3	Stem Part No.4	Backseat Part No.8
1	F6	F6	F6	F6
2	F304	F304	F304	F304
5	Stellite	Stellite	F6	F6
8	Stellite	F6	F6	F6
9	Monel	Monel	Monel	Monel
10	F316	F316	F316	F316
13	Alloy 20	Alloy 20	Alloy 2	Alloy 20

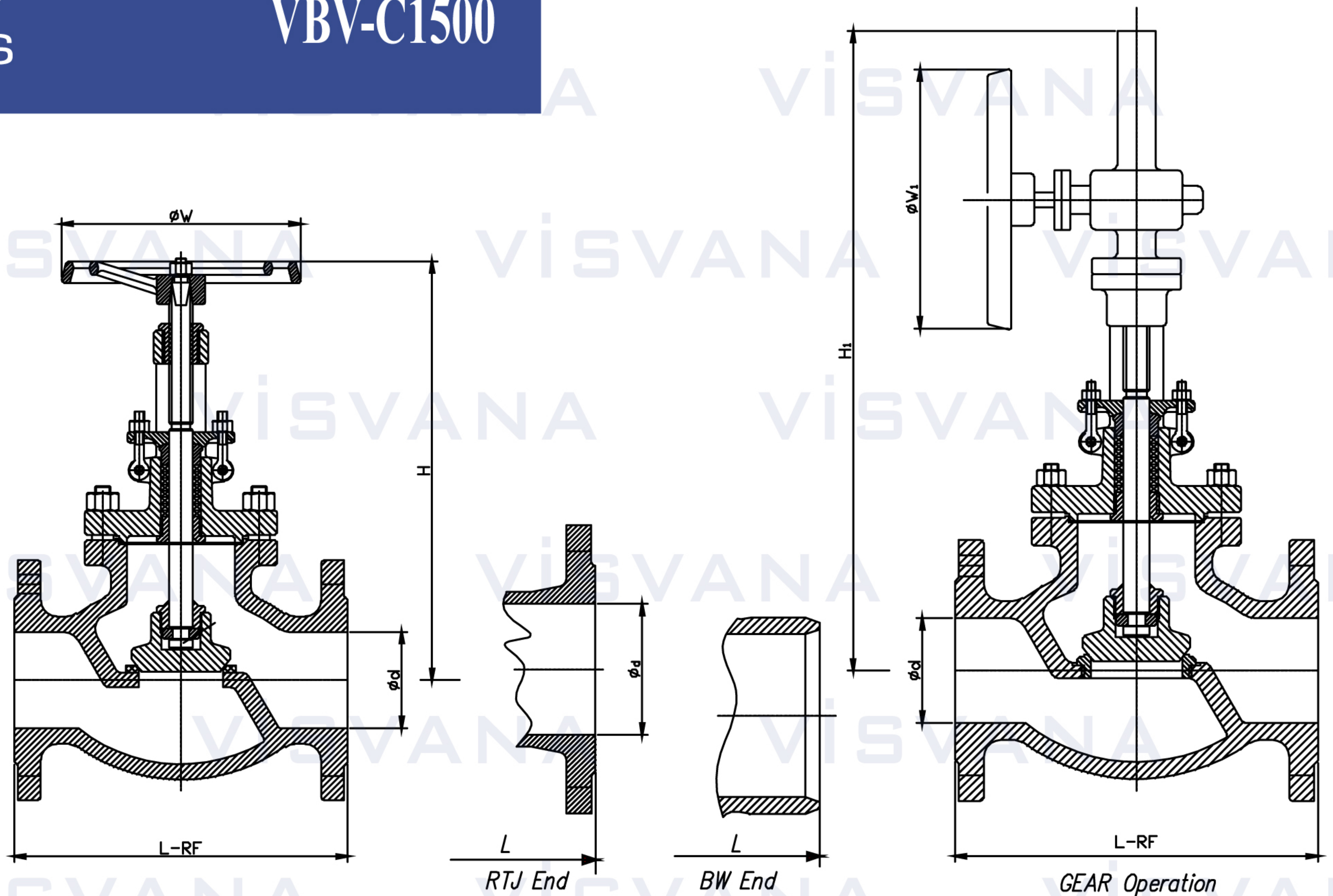
Standards

Design and Manufacture	BS 1873 and ASME B16.34
Inspection and Test	API598
End Falnge dimension	ASME B16.5
BW end dimension	ASME B16.25
Socket-weld dimension	ASME B16.11
Face to face	ASME B16.10
Pressure-temperature ratings	ASME B16.34

Part and material list

Parts name		Carbon steel to ASTM		Alloy Steel to ASTM				Stainless Steel to ASTM			
1	Body	A216WCB	A352LCB	A217WC1	A217WC6	A217WC9	A217WC5	A351CF8	A351CF8M	A351CF3	A351CF3M
9	Bonnet	A216WCB	A352LCB	A217WC1	A217WC6	A217WC9	A217WC5	A351CF8	A351CF8M	A351CF3	A351CF3M
6	Bolt	A193 B7	A320 L7	A193 B7	A193 B16	A193 B16	A193 B16	A193 B8	A193 B8	A193 B8	A193 B8
5	Nut	A194 2H	A194 2H	A194 2H	A194 4	A194 4	A194 4	A194 8	A194 8	A194 8	A194 8
11	Gland	A182 F6a	A182 F6a	A182 F6a	A182 F6a	A182 F6a	A182 F6a	304	316	304L	316L
12	Gland Flange	A216WCB	A352LCB	A217WC1	A217WC6	A217WC9	A217WC5	A351CF8	A351CF8M	A351CF3	A351CF3M
3	Disc	A216WCB	A352LCB	A217WC1	A217WC6	A217WC9	A217WC5	A351CF8	A351CF8M	A351CF3	A351CF3M
7	Gasket	SS Spiral Wound W/graphite or SS Spiral Wound W/PTFE, or Reinforced PTFE									
10	Packing	Braided graphite or Die-formed graphite ring or PTFE									
13	Stem Nut	Copper alloy or A439 D2									
14	Hand Wheel	Ductile iron or Carbon steel									

Noted: The chart above only lists out some common composition of steel globe valve parts. We may provide other differend parts material composition according to the customer’s request or the actual valve working condition.



Class 600 & Class 1500 Globe Valve

Class	Size		Dimensions (mm)								Weight (Kg)	
	NPS	DN	L			d	H	H1	W	W1	H.W	G.O
			RF	RTJ	BW							
600	2	50	292	295	292	51	360		250		35	
	2 1/2	65	330	333	330	64	410		280		42	
	3	80	356	359	356	76	465		280		66	
	4	100	432	435	432	102	545	575	400	310	117	148
	5	125	508	511	508	127	625	660	500	310	243	208
	6	150	559	562	559	152	785	975	550	460	263	334
	8	200	660	664	660	200	930	1120	650	460	469	544
	10	250	787	791	787	248		1219		600		875
	12	300	838	841	838	298		1570		600		1280
900	2	50	368	371	368	48	480		350		55	
	2 1/2	65	419	422	419	57	520		350		68	
	3	80	381	384	381	73	564	630	400	310	113	128
	4	100	457	460	457	98	685	720	450	310	179	210
	5	125	559	562	559	127	780	840	550	460	270	325
	6	150	610	613	610	146	950	1015	650	460	429	480
	8	200	737	740	737	190	1050		700		815	
1500	2	50	368	371	368	48	505		350		137	
	2 1/2	65	419	422	419	57	550		400		141	
	3	80	470	473	470	70	630	765	450	310	261	320
	4	100	546	549	546	92	808	890	460	310	336	397
	6	150	705	711	705	137	930	1020	610	530	966	1035
	8	200	832	841	832	178	1140	1230	610	530	1210	1280

Noted: We may provide other different actuators according to the customer's request, such as pneumatic, electric, hydraulic actuators, the details of them according to the actual valve working condition.