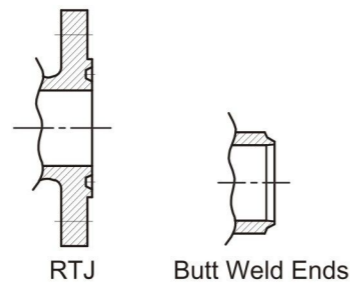
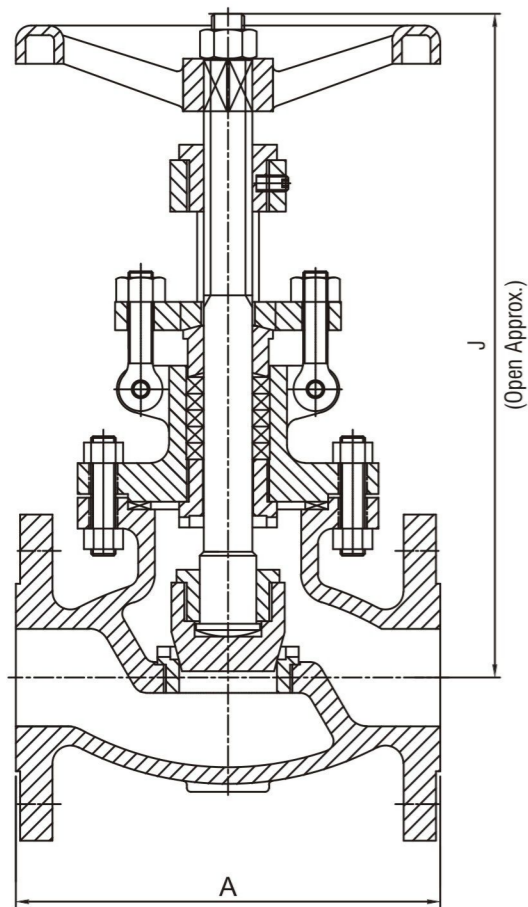


GLOBE VALVE



STANDARDS	
Design & Mfg. Std.	BS 1873 / ASME B 16.34
Face to Face	ASME B16.10
End Connection	Flange Ends - ASME B 16.5
	Butt Weld Ends - ASME B 16.25
Inspection & Testing Standard	API 598 /
	BS EN 12266-Part-I



DESIGN FEATURES

Material :
WCB / WC6 / LCB / CF8 / CF8M / CF3 / CF3M etc.

Pressure Rating :
150# / 300# / 600#

Operation :
Hand Wheel / Gear / Actuated (Pneumatic/Electric)

Trims Material :
Available on requirement like
Trim = 1, 2, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18

Tolerance :
Face to face :
± 2.0mm for NPS ≤ 10" & ± 3.0mm for NPS > 10"

MATERIAL OF CONSTRUCTION

PART NAME	CARBON STEEL	ALLOY STEEL	STAINLESS STEEL
Body	A 216 WCB / WCC	A 352 LCB /LCC	A 217 WC6/WC9/C5/C12
Bonnet	A 216 WCB / WCC	A 352 LCB /LCC	A 217 WC6/WC9/C5/C12
Seat Ring	A 216 WCB / WCC+13% Cr.	A 351 C F8	A 217 WC6/WC9/C5/C12 /A 217 CA 15
Wedge	A 216 WCB+13% Cr. Facing	A 351 C F8	A 217 WC6/WC9/C5/C12+13% Cr.
Stem	A 276 TP 410	A 276 TP 304	A 276 TP 410
Gland Flange	A 105 / CS/A216 WCB	A 105 / CS	A 105/CS
Back Seat	A 276 TP 410	A 276 TP 304	A 276 TP 410
Gland	A 276 TP 410	A 276 TP 304	A 276 TP 410
Joint Sutd	A 193 B7	A 320 L7	A 193 B16
Joint Stud Nuts	A 194 2H	A 194 7	A 194 7
Gland Stud	A 193 B7	A 320 L7	A 193 B16
Gland Stud nuts	A 194 2H	A 194 7	A 194 7
Gasket	Spiral Wounded SS 316 /316L / 304L / 304 / 321 with Grafoil filler		
Stem Packing	Braided Graphite and Die Formed Graphite ring		
Yoke Sleeve	A439 Gr.D2		
Hand wheel	Below 2" = Malleable Iron & Above 2" Ductile Iron		

FACE TO FACE DIMENSIONS FOR GLOBE VALVES

CLASS 150								CLASS 300								CLASS 600							
Size	A (MM)			J	Weight (kg)			Size	A (MM)			J	Weight (kg)			Size	A (MM)			J	Weight (kg)		
NPS	DN	RF	RTJ	BW	MM	FE	BW	NPS	DN	RF	RTJ	BW	MM	FE	BW	NPS	DN	RF	RTJ	BW	MM	FE	BW
1/2"	15	108	-	108	184	4	-	1/2"	15	152	163	152	184	8	-	1/2"	15	165	163	165	184	11	-
3/4"	20	117	-	117	185	5	-	3/4"	20	178	191	178	186	9	-	3/4"	20	190	190	190	190	13	-
1"	25	127	140	127	236	7	-	1"	25	203	216	203	237	15	-	1"	25	216	216	216	236	18	-
1.1/2"	40	165	178	165	282	18	-	1.1/2"	40	229	242	229	282	20	17	1.1/2"	40	241	241	241	285	25	-
2"	50	203	216	203	338	22	-	2"	50	267	283	267	354	26	22	2"	50	292	295	292	397	39	27
2.1/2"	65	216	229	216	373	29	19	2.1/2"	65	292	3089	292	389	39	30	2.1/2"	65	330	333	330	445	53	43
3"	80	241	254	241	396	38	28	3"	80	318	334	318	421	52	36	3"	80	356	359	356	495	79	62
4"	100	292	305	292	476	60	49	4"	100	356	372	356	495	79	55	4"	100	432	435	432	600	122	90
5"	125	356	369	356	497	80	70	5"	125	400	416	400	530	105	92	5"	125	508	511	508	680	195	165
6"	150	406	419	406	524	110	89	6"	150	444	460	444	675	165	140	6"	150	559	562	559	790	287	225
8"	200	495	508	495	588	163	140	8"	200	559	575	559	912	280	235	8"	200	660	663	660	1015	547	447
10"	250	622	635	622	738	255	220	10"	250	622	638	622	949	380	320								
12"	300	698	711	698	862	400	365																
14"	350	787	80	787	950	555	495																
16"	400	914	927	914	994	725	657																
18"	450	978	991	978	1105	989	866																
20"	500	978	991	978	1255	1335	1210																
24"	600	1295	1308	1295	1405	1625	1500																

Note : Weights and dimensions are for reference only.