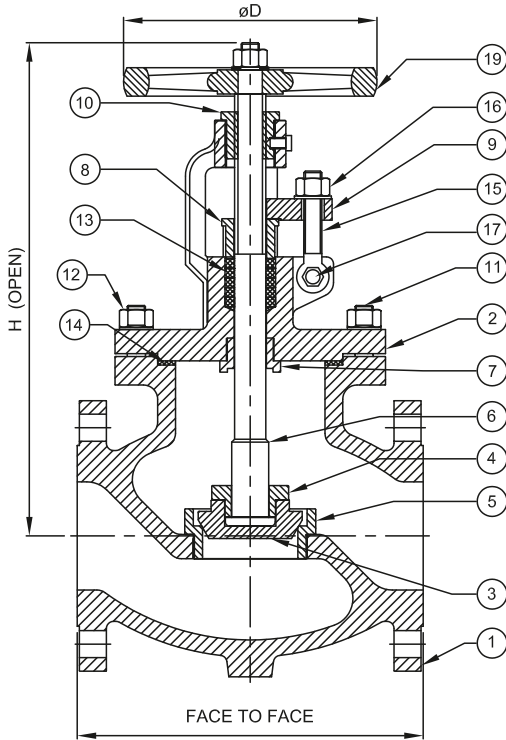


DESIGN STD :-

- Globe valve design : BS 1873
- Pressure/temperature rating : ASME B16.34
- End-end Dimension : ASME B16.10
- Flange dimensions : ASME B16.5
- Testing : API 598
- Butt weld ends : ASME 16.25
- Graphite packing
- Stainless Steel/Graphite Gaskets

GLOBE VALVE CLASS 150/300/600



Materials

Part no.	Part Name	WCB	WC6	CF8	CF8M
1	Body	A 216 WCB	A 217 WC6	A 351 CF8	A 351 CF8M
2	Bonnet	A 216 WCB	A 217 WC6	A 351 CF8	A 351 CF8M
3	Plug	A 217 CA15	A 217 CA15	A 351 CF8	A 351 CF8M
4	Plug nut	A 217 CA15	A 217 CA15	A 351 CF8	A 351 CF8M
5	Seat ring	A 217 CA15	A 217 CA15	A 351 CF8	A 351 CF8M
6	Stem	See trim material table			
7	Backseat	See trim material table			
8	Gland bush	13Cr	13Cr	AISI 304	AISI 316
9	Gland plate	A 105	A 105	A 351 CF8	A 351 CF8M
10	Yoke bush	A 439 Gr. D2C / EN8			
11	Bonnet stud	A 193 B7	A 193 B16	A 193 B8	A 193 B8
12	Bonnet nut	A 194 2H	A 194 Gr. 4	A 194 Gr. 8	A 194 Gr. 8
13	Gland packing	Graphite moulded ring / Rope			
14	Gasket	Graphite+Stainless steel 304 PTFE+Stainless steel 304			
15	Eye bolts	A 307 Gr. B	A 193 B16	A 193 B8	A 193 B8
16	Eye bolt nuts	A 194 2H	A 194 Gr. 4	A 194 Gr. 8	A 194 Gr. 8
17	Eye bolt pins	Carbon steel	Carbon steel	Stainless steel	Stainless steel
18	Retaining ring	Carbon steel	Carbon steel	Stainless steel	Stainless steel
19	Handwheel	SG Iron	SG Iron	SG Iron	SG Iron
20	Handwheel nut	Carbon steel	Carbon steel	Stainless steel	Stainless steel
21	Name plate	Stainless steel			

Dimensions (Class 150)

Size (NB)	25	40	50	65	80	100	125	150	200	250	300	350	400
Face to Face	127	165	203	216	241	292	356	406	495	622	698	787	914
H (open)	227	298	322	355	370	440	482	500	608	696	850	985	1085
øD	125	176	176	251	251	304	354	354	400	450	G-B	G-B	G-B

Dimensions (Class 300)

Size (NB)	25	40	50	65	80	100	150	200	250	300	
Face to Face	--	--	267	--	318	356	445	559	622	711	
H	--	--	348	--	420	445	570	715	770	830	
øD	--	--	176	--	251	354	450	500	G-B	G-B	

Dimensions (Class 600)

Size (NB)	25	40	50	65	80	100	150	200	250	300	
Face to Face	--	--	292	--	356	432	559	660	787	838	
H	--	--	372	--	458	540	610	730	890	1005	
øD	--	--	251	--	354	500	G-B	G-B	G-B	G-B	

WHY "M-FLOW" GLOBE VALVE?

- Bolted bonnet
- Outside screw and yoke
- Graphite packings
- Stainless steel / graphite gaskets
- Low operating torques
- Minimum pressure drop
- Provision for onstream gland replacement
- Single piece casted handwheel
- Onsite renewable trims for 150#

Trim Materials

Part no.	Part name	Trim 1	Trim 2	Trim 5	Trim 8	Trim 10
		13Cr / 13Cr	304 / 304	Stellit./Stellit.	Stellite/13Cr	316 / 316
3	Plug Face	13Cr	AISI 304	Stellite	13Cr	AISI 316
5	Seat Ring Face	13Cr	AISI 304	Stellite	Stellite	AISI 316
6	Stem	13Cr	AISI 304	13Cr	13Cr	AISI 316
7	Backseat	13Cr	AISI 304	13Cr	13Cr	AISI 316