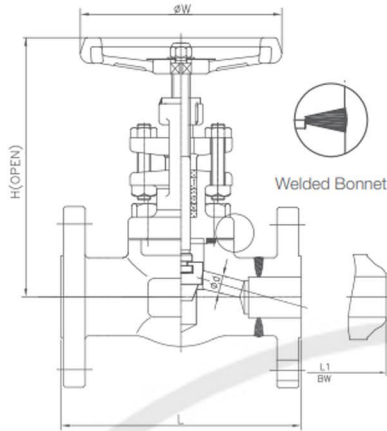


CLASS 150# - 300# - 600#

GLOBE VALVES

Flanged Ends, Standard Bore



SPECIFICATION

Valve Body Pressure Rating

Class 150, Max 285 psig @ 100 F (Carbon Steel)
 Class 300, Max 740 psig @ 100 F (Carbon Steel)
 Class 600, Max 1480 psig @ 100 F (Carbon Steel)

Temperature Rating

As per ASME B16.34

Body Construction

Bolted Bonnet, Outside Screw and Yoke
 Welded Bonnet, Outside Screw and Yoke
 Integral and Welded Flange available depending on size and rating.
 Other Constructions: Bellow Seals, Extended stem, Live Loading Packing, Y Pattern, etc. available upon request.

Body Bolts

ASTM A193 Gr B7 or B8 (N/A to Welded Bonnet)
 (Other Options available upon request)

Seats

Integral Body Seat.
 Full/Half HF (Hardfaced Stellite #6) seats or Non HF seats available

Operation

Manual - Handwheel Operator

Seat / Seal Leakage

Conform to API 598.

Design Specification

API 602
 ASME B16.34
 Flange Ends to ASME B16.5
 Butt Weld Ends to ASME B16.25
 Face to Face to ASME B16.10
 NACE MR-01-75 material (where required)
 Materials to ASTM standards
 Special Materials are available to customer requirements

STANDARD COMPONENT MATERIALS

NO	DESCRIPTION	A105N /HF	LF2/HF	F304(L) /HF	F316(L) /HF	F51/HF
1	BODY	A105N	LF2	F304(L)	F316(L)	F51
2	SEAT			HF		
3	DISC			HF		
4	STEM	F6A	F6A	F304(L)	F316(L)	F51
5	GASKET	SPW 316 + GRAPHITE		SPW 304 + GRAPHITE	SPW 316 + GRAPHITE	
6	BONNET	A105N	LF2	F304(L)	F316(L)	F51
7	GLAND PACKING			GRAPHITE		
8	GLAND	410	410	F304(L)	F316(L)	F51
9	GLAND FLANGE	CS	LTCS	SS	SS	SS
10	GLAND BOLT/NUT			B8/8		
11	BONNET BOLT	B7	L7	B8	B8	B8
12	HANDWHEEL			A197		
13	NAME PLATE			SS		

NOTE: (L) Refers to Material available in Low Carbon as an option as well. Other materials available to customer requirement.

DIMENSION TABLE

(UNIT - mm)
 NOTE: 1/2" to 2" Integral Flange

SIZE	L, L1			d	H		W	WEIGHT(kg) (Approx.)						CV Factors
	CL 150	CL 300	CL 600		CL 150	CL 300 CL 600		CL 150		CL 300		CL 600		
								RF	BW	RF	BW	RF	BW	
1/2"	108	152	165	9.5	157	157	100	2.6	2.0	3.3	2.8	3.5	2.9	1.5
3/4"	117	178	190	12.5	160	160	100	3.3	2.8	5	4.0	4.8	4.0	3.8
1"	127	203	216	17.5	193	193	120	5.0	4.2	6.7	5.7	7.2	6.2	6.8
1 1/4"	140	216	229	23	232	232	150	8.4	7.8	9.6	8.2	9.6	8.1	11
1 1/2"	165	229	241	28.5	239	239	150	8.9	8.8	12.55	9.8	13.5	11.7	14.3
2"	203	267	292	36.5	288	288	180	14.5	13.0	17.0	14.7	18.5	15.1	25

NOTE: Other Sizes and Full Bore Options available upon request. Dimensions are for information only. Order Specific arrangement drawing dimensions will be final.