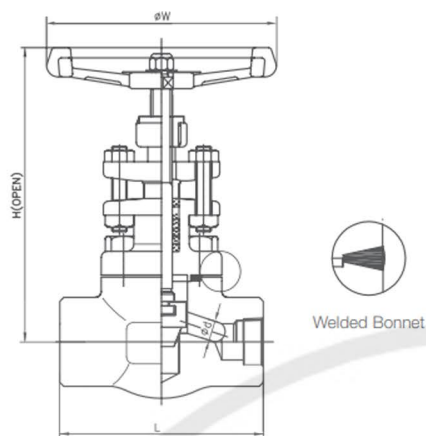


# CLASS 800# GLOBE VALVES

Threaded Ends & Socket Weld, Standard bore



## SPECIFICATION

### Valve Body Pressure Rating

Class 800, Max 1975 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  
Pup Piece welding or  
Extended ends available upon request.  
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  
Socket Weld Ends to ASME B16.11  
Threaded Ends to ASME B1.20.1  
End to End (L) dimensions are to manufacturer standard  
NACE MR-01-75 material (when 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)

SIZE	L	d	H	W	WEIGHT(kg) (Approx.)	CV FACTORS
1/2"	79	9.5	169	100	2	1.5
3/4"	92	12.5	169	100	2.2	3.8
1"	111	17.5	209	120	3.7	6.8
1 1/4"	118	23	232	150	5.2	11
1 1/2"	140	28.6	239	150	5.95	14.3
2"	172	36.5	288	180	9.7	25

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