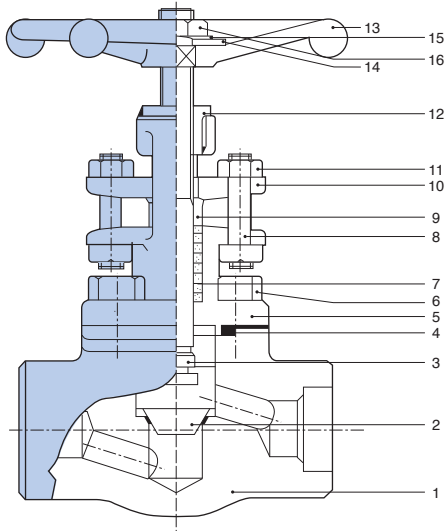


# FORGED STEEL GLOBE VALVE

015



## PART NAME

1. BODY
2. DISC
3. STEM
4. GASKET
5. BONNET
6. BONNET BOLT
7. GLAND PACKING
8. GLAND BOLT
9. GLAND
10. GLAND FLANGE
11. GLAND NUT
12. YOKE BUSH
13. HANDWHEEL
14. HANDWHEEL PLATE
15. HANDWHEEL WASHER
16. HANDWHEEL NUT

## RATING [ASME/ANSI B 16.34]

- CARBON STEEL : TABLE 2-11
- ALLOY STEEL : TABLE 2-15—2-1.14
- STAINLESS STEEL : TABLE 2-2.1—2-2.5

## END CONNECTIONS

- SOCKET WELD : ASME/ANSI B 16.11
- THREAD (NPT, PT) : ASME/ANSI B 1.20.1
- BUTT WELD : ASME/ANSI B 16.25

## STANDARDS

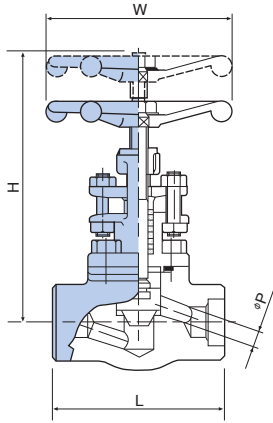
- CONSTRUCTION : API 602  
ASME/ANSI B 16.34

## INSPECTION AND TEST

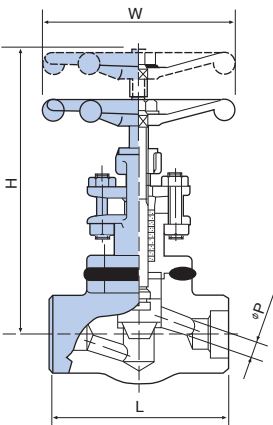
- : API 598  
ASME/ANSI B 16.34

## OUTSIDE SCREW & YOKE / SW, PT(NPT), BW, CLASS 800 / 1500 STANDARD BORE

### BOLTED BONNET

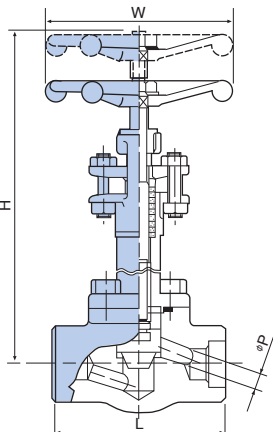


CL	VALVE SIZE	1/4		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
800	L (mm/in)	76	3	76	3	76	3	92	3.62	104	4.09	140	5.51	140	5.51	146	5.74
	W (mm/in)	84	3.3	84	3.3	84	3.3	97	3.82	97	3.82	137	5.39	137	5.39	157	6.18
	H (mm/in)	144	5.67	144	5.67	144	5.67	154	60.6	177	6.97	225	8.86	225	8.86	254	10
	P (mm/in)	6.4	0.25	9.6	0.38	9.6	0.38	12.7	0.5	17.5	0.69	24	0.94	29.5	1.16	35	1.38
	Wt (kg/lb)	1.5	3.31	1.5	3.31	1.5	3.31	2.2	4.9	2.8	6.16	5.6	12.35	5.6	12.35	8.5	18.74
	Typical Cv Factor		1		2		2		3		5.5		11.5		17.8		21
Fig No.		B8*2R															
1500	L (mm/in)	92	3.62	92	3.62	92	3.62	104	4.09	140	5.51	146	5.74	146	5.74	210	8.27
	W (mm/in)	97	3.82	97	3.82	97	3.82	97	3.82	137	5.39	157	6.18	157	6.18	157	6.18
	H (mm/in)	150	5.91	150	5.91	150	5.91	179	7.05	231	9.09	258	10.16	258	10.16	301	11.85
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	16	0.63	22	0.87	27	1.06	35	1.38
	Wt (kg/lb)	2.5	5.5	2.4	5.3	2.3	5.1	3.2	7.1	6.1	13.42	10.5	23.2	10.5	23.2	13	28.7
	Typical Cv Factor		1		2		2		3		5.5		11.5		17		21
Fig No.		B15*2R															



### WELDED BONNET

CL	VALVE SIZE	1/4		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
800	L (mm/in)	76	3	76	3	76	3	92	3.62	104	4.09	140	5.51	140	5.51	146	5.74
	W (mm/in)	84	3.3	84	3.3	84	3.3	97	3.82	97	3.82	137	5.39	137	5.39	157	6.18
	H (mm/in)	144	5.67	144	5.67	144	5.67	154	60.6	177	6.97	225	8.86	225	8.86	254	10
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	17.5	0.69	24	0.94	29.5	1.16	35	1.38
	Wt (kg/lb)	1.3	2.87	1.3	2.87	1.3	2.87	2.1	4.6	2.8	6.17	5.5	12.13	5.4	11.91	8.3	18.3
	Typical Cv Factor		1		2		2		3		5.5		11.5		17		21
Fig No.		W8*2R															
1500	L (mm/in)	92	3.62	92	3.62	92	3.62	104	4.09	140	5.51	146	5.74	146	5.74	210	8.27
	W (mm/in)	97	3.82	97	3.82	97	3.82	97	3.82	137	5.39	157	6.18	157	6.18	157	6.18
	H (mm/in)	150	5.91	150	5.91	150	5.91	179	7.05	231	9.09	256	10.08	256	10.08	301	11.85
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	16	0.63	22	0.87	27	1.06	35	1.38
	Wt (kg/lb)	2.3	5.1	2.1	4.62	2	4.4	3	6.6	5.9	13	9.7	21.4	9.7	21.4	11	24.3
	Typical Cv Factor		1		2		2		3		5.5		11.5		17		21
Fig No.		W15*2R															



### EXTENDED BONNET

CL	VALVE SIZE	1/4		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
800	L (mm/in)	76	3	76	3	76	3	92	3.62	104	4.09	115	4.53	140	5.51	146	5.74
	W (mm/in)	84	3.3	84	3.3	84	3.3	97	3.82	97	3.82	137	5.39	137	5.39	157	6.18
	H (mm/in)	313	12.3	313	12.3	313	12.3	321	12.6	367	14.5	416	16.4	416	16.4	551	21.7
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	17.5	0.69	24	0.94	29.5	1.16	35	1.38
	Wt (kg/lb)	2.4	5.29	2.4	5.29	2.2	4.85	2.6	5.73	3.8	8.38	8.5	14.33	6.4	14.11	10.2	22.49
	Typical Cv Factor		1		2		2		3		5.5		11.5		17		21
Fig No.		E8*2R															
1500	L (mm/in)	92	3.62	92	3.62	92	3.62	104	4.09	140	5.51	146	5.74	146	5.74	210	8.27
	W (mm/in)	97	3.82	97	3.82	97	3.82	97	3.82	137	5.39	157	6.18	157	6.18	157	6.18
	H (mm/in)	321	12.6	321	12.6	321	12.6	367	14.5	416	16.4	416	16.4	551	21.7	665	26.2
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	16	0.63	22	0.87	27	1.06	35	1.38
	Wt (kg/lb)	3	6.6	3	6.6	2.9	6.4	4.1	9	6.8	15	12.5	27.6	12.3	27.1	16	35.3
	Typical Cv Factor		1		2		2		3		5.5		11.5		17		21
Fig No.		E15*2R															