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*"Managing projects to success"*

## FORGED STEEL VALVES



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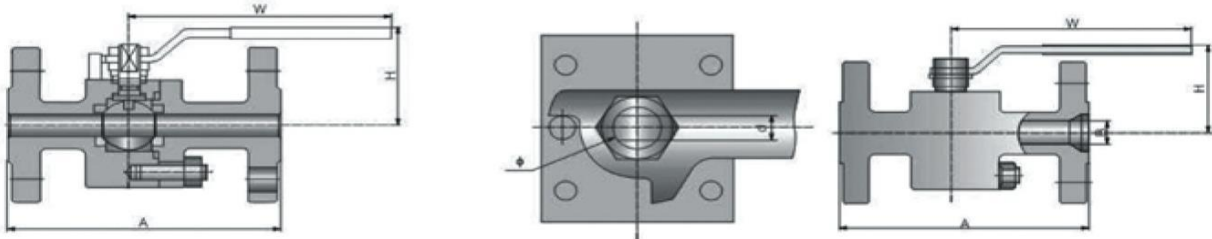
### ***FORGED STEEL VALVE***





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**2PC Body Floating Ball Valve in Forged Steel**



• Main size and weight

**CLASS 600**

NPS	A	B	W	H	d	Ø	WT	T	ISO Flange
Inch	mm	mm	mm	mm	mm	mm	Kg	N.m	
1	165	25	330	187	12	18	10	45	F04
11/4x1	229	25	330	137	12	18	14	45	F04
11/2	241	38	330	150	16	24	18	96	F07
2x11/2	292	38	330	150	16	24	20	96	F07
2	292	50	400	175	18	27	22	130	F07
21/2x2	330	50	400	175	18	27	27	130	F07
21/2	330	62	400	195	20	32	28	150	F07
3x2	356	50	400	1175	18	27	33	130	F07
3	356	76	600	208	28	36	40	200	F10
4x3	432	76	600	208	28	36	74	200	F10
4	4320	100	600	254	32	48	80	360	F12
6x4	559	100	600	254	32	48	155	360	F12

**CLASS 900**

NPS	A	B	W	H	d	Ø	WT	T	ISO Flange
INCH	mm	mm	mm	mm	mm	mm	Kg	N.m	
3/4	229	19	275	110	14	20	14	35	/
1	254	25	300	120	16	22	17	70	F06
11/4	279	32	330	130	18	24	23	90	F06
11/2	305	38	350	140	18	26	28	140	F07
2x11/2	368	38	350	140	18	26	32	140	F07
2	368	50	400	175	18	27	40	200	F07

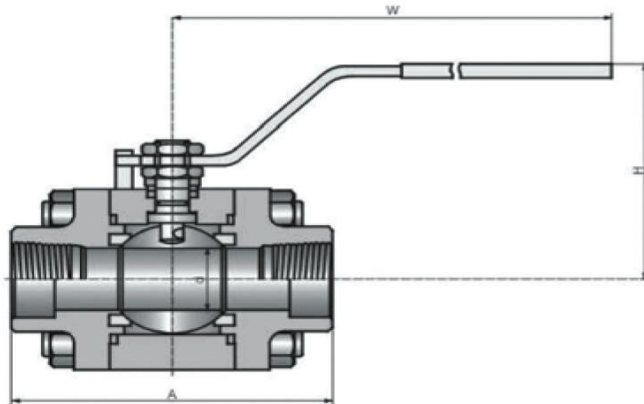
**CLASS 1500**

NPS	A	W	H	B	d	Ø	WT	T	ISO Flange
INCH	mm	mm	mm	mm	mm	mm	Kg	N.m	
3/4	225	330	137	19	12	18	15	45	/
1	254	400	150	25	16	22	18	120	F06
11/4	279	400	170	32	18	24	25	260	F06
11/2	305	400	170	38	19	27	30	240	F07
2x11/2	368	400	170	38	19	27	32	240	F07
2	368	450	185	50	22	30	36	400	F10



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**3PC Body Floating Ball Valve in Forged Steel**



*REGULAR AND FULL BORE  
 COMPACT THREE PIECES  
 FORGED STEEL FLOATING  
 BALL VALVE*

*Threaded and Socket Weld Ends*

**• Main size and weight**

**CLASS 800**

R.P	-	1/2	3/4	1	1.1/4	1.1/2	2	-
E.P	1/2	3/8	1/2	3/4	1	1.1/4	1.1/2	2
A	75	75	75	87	110	120	140	160
W	155	155	155	170	170	230	230	310
H	72	72	76	98	100	120	130	150
d	10	10	14	19	25	32.5	38	51
Kg/Lb	0.75	0.75	1.0	2.2	3.1	4.8	6.8	10.7

**CLASS 1500**

R.P	-	1/2	3/4	1	1.1/4	1.1/2	2	-
E.P	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
A	75	75	87	110	120	140	160	200
W	155	155	170	120	230	230	310	400
H	76	76	91	98	119	124	147	168
d	10	10	14	19	25	32.5	38	51
Kg/Lb	1.2	1.2	2.5	3.2	4.7	6.7	10	20



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**Forged Steel Gate Valve in NPT & SW ENDS**

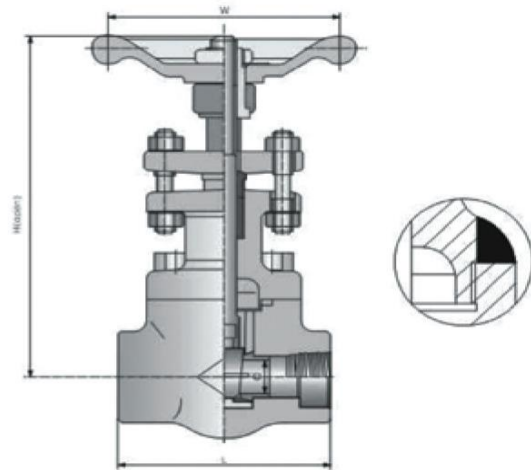
**Design & Manufacture Standard**

\* Design & Manufacture as per API 602, BS 5352, ASME B16.34

\* Connection ends dimension as ASME B1.20.1, ASME B16.11

\* Inspection and test as per API 598.

\* End to End dimension conforms to the manufacture's Std.



**• Main size and weight**

**CLASS 800**

SIZE	R.P	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
	E.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L(mm)		80	80	90	110	120	127	127	150
W(mm)		100	100	100	125	160	160	180	200
d(mm)		8	10.5	13.5	18	24	29	36.5	45
H-OPEN(mm)		148	148	163	178	210	243	262	465
Kg/Lb		1.6	1.6	2.2	3.5	5	6.5	9	21.5

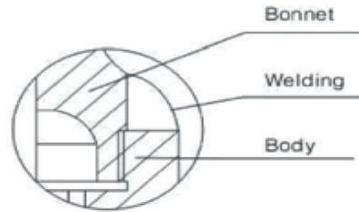
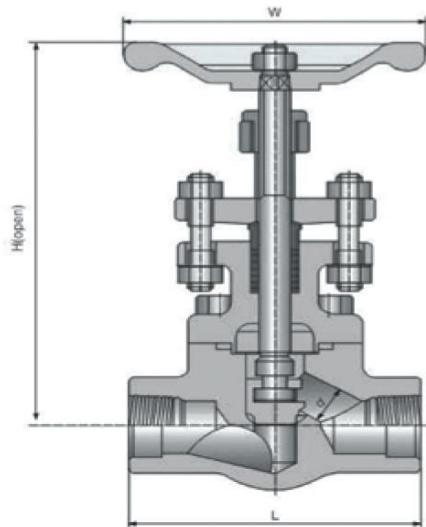
**CLASS 900-1500**

SIZE	R.P	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
	E.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L(mm)		90	110	110	120	127	127	150	150
W(mm)		100	125	125	160	160	180	200	220
d(mm)		8	10.5	13.5	18	24	29	36.5	45
H-OPEN(mm)		145	160	175	210	240	260	355	360
Kg/Lb		2.2	2.2	3.8	5.5	6.8	9.5	22.5	23



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**Forged Steel Globe Valve in NPT & SW ENDS**



**Design & Manufacture Standard**

\* Design & Manufacture as per API 602, BS 5352, ASME B16.34

\* Connection ends dimension as ASME B1.20.1, ASME B16.11

\* Inspection and test as per API 598.

\* End to End dimension conforms to the manufacture's Std.

**• Main size and weight**

**CLASS 800**

SIZE	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
	E.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L(mm)		80	80	90	110	120	155	170	220
W(mm)		100	100	100	125	160	160	180	200
d(mm)		6	9	12	17.5	23	29	36	44
H-OPEN(mm)		148	148	165	180	213	248	257	370
Kg/Lb		1.7	1.7	2.3	3.6	5.5	7.5	11.6	22

**CLASS 900-1500**

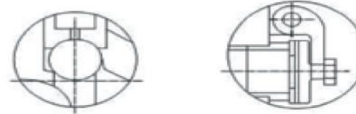
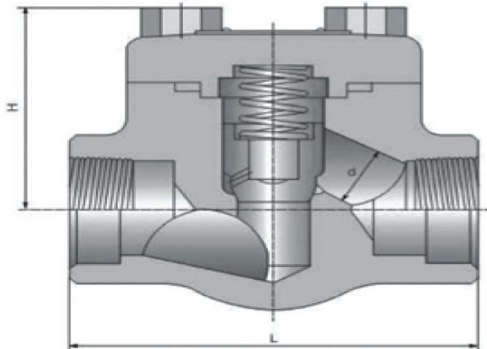
SIZE	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
	E.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L(mm)		80	110	110	120	155	170	220	220
W(mm)		100	125	125	160	160	180	200	200
d(mm)		6	9	12	17.5	23	29	36	44
H-OPEN(mm)		160	175	175	210	244	250	370	375
Kg/Lb		2.2	3.9	3.9	6	8	12	23.5	23





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**Class 800-1500 Forged Steel  
 Check Valve in NPT & SW ENDS**



**Design & Manufacture Standard**

- \* Design & Manufacture as per BS 5352, ASME B16.34
- \* Connection ends dimension as ASME B1.20.1, ASME B16.11
- \* Inspection and test as per API 598.
- \* End to End dimension conforms to the manufacture's Std.

**• Main size and weight**

**CLASS 800**

SIZE	R.P	1/2	3/4	1	1 1/4	1 1/2	2		
	E.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Structure length	L (Lift Type)	80	80	90	110	120	155	170	210
	L (Sewing Type)	80	80	90	110	120	127	127	210
Flow path	d (Lift Type)	6	9	12	17.5	23	29	36	44
	d (Sewing Type)	8	10.5	13.5	18	24	29	36.5	45
Center Height (Open)	H (Lift Type)	53	53	60	73	80	98	118	150
	H (Sewing Type)	53	53	60	73	80	98	118	150
Weight Kg/Lb	(Lift Type)	1.3	1.3	1.4	2.4	4.0	7.4	8	18
	(Sewing Type)	1.3	1.3	1.4	2.4	4.0	5.5	6.5	17.5

**CLASS 900-1500**

SIZE	R.P	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	
	E.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Structure length	L (Lift Type)	90	110	110	120	155	170	210	210
	L (Sewing Type)	90	110	110	120	127	127	210	210
Flow path	d (Lift Type)	6	9	12	17.5	23	29	36	44
	d (Sewing Type)	8	10.5	13.5	18	24	29	36.5	45
Center Height (Open)	H (Lift Type)	60	73	73	80	98	118	150	150
	H (Sewing Type)	60	73	73	80	98	118	150	150
Weight Kg/Lb	(Lift Type)	1.5	2.8	2.8	4.6	7.4	9	19.5	19
	(Sewing Type)	1.5	2.4	2.4	4	6	9.5	19	18.5



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