

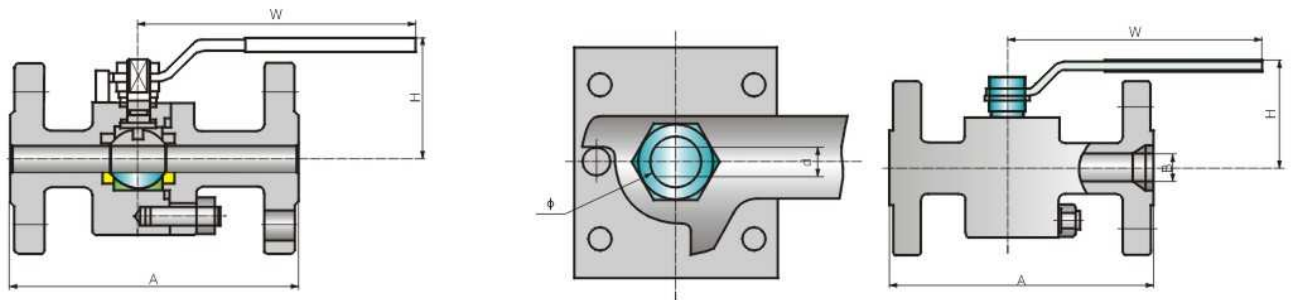
**FORGED
STEEL
VALVE
SERIES**

KEY VALVES UK LTD

Quality First Service Foremost
www.keyvalvesuk.com



2PC Body Floating Ball Valve in Forged Steel



● Main size and weight

CLASS 600

NPS Inch	A mm	B mm	W mm	H mm	d mm	φ mm	WT Kg	T N.m	ISO Flange
1	165	25	330	187	12	18	10	45	F04
1 1/4	229	25	330	137	12	18	14	45	F04
1 1/2	241	38	330	150	16	24	18	96	F07
2 x 1 1/2	292	38	330	150	16	24	20	96	F07
2	292	50	400	175	18	27	22	130	F07
2 1/2	330	50	400	175	18	27	27	130	F07
3	356	50	400	175	18	27	33	130	F07
3	356	76	600	208	28	36	40	200	F10
4 x 3	432	76	600	208	28	36	75	200	F10
4	432	100	600	254	32	48	80	360	F12
6 x 4	559	100	600	254	32	48	155	360	F12

CLASS 900

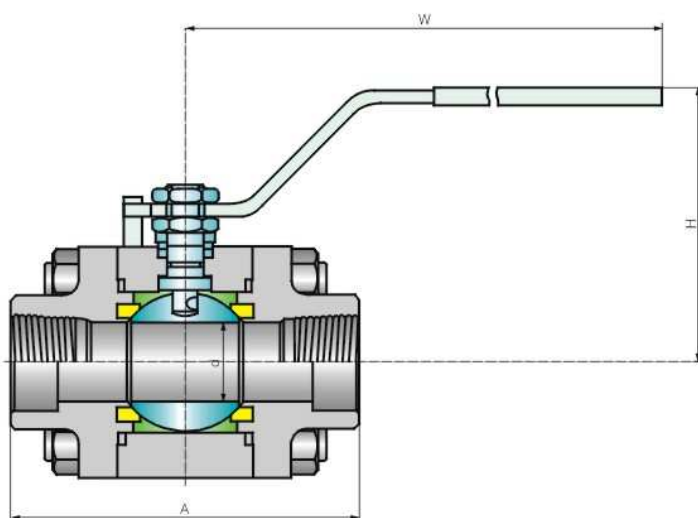
NPS INCH	A mm	B mm	W mm	H mm	d mm	φ mm	WT Kg	T N.m	ISO Flange
3/4	229	19	275	110	14	20	14	35	/
1	254	25	300	120	16	22	17	70	F06
1 1/4	279	32	330	130	18	24	23	90	F06
1 1/2	305	38	350	140	18	26	28	140	F07
2 x 1 1/2	368	38	350	140	18	26	32	140	F07
2	368	50	400	175	18	27	40	200	F07

CLASS 1500

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



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

Forged Steel Gate Valve in NPT & SW Ends



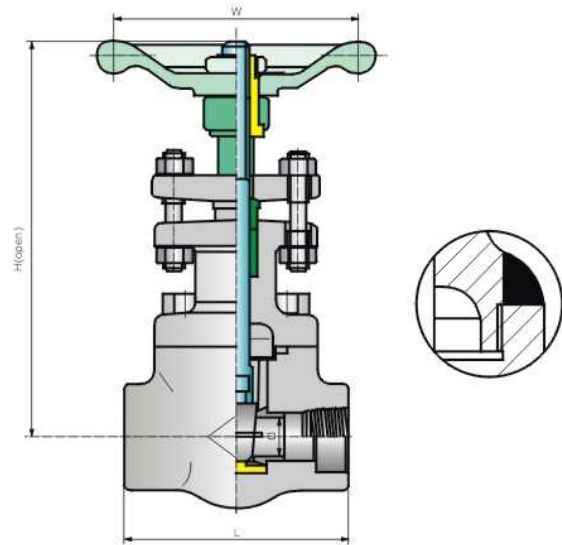
Design & Manufacture Standard:

*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 manufacturer's Std.



● Main size and weight

CLASS 800

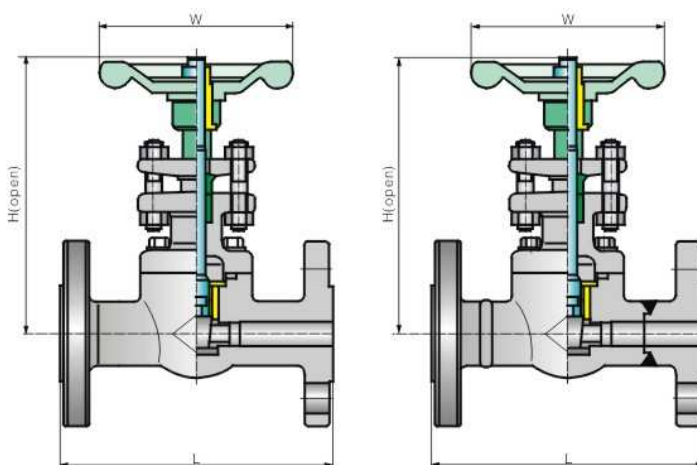
SIZE	R.P	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
	E.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L(mm)		80	80	90	110	120	127	127	150
W(mm)		100	100	100	125	160	160	180	200
d(mm)		8	10.5	13.5	18	24	29	36.5	45
H-OPEN(mm)		148	148	163	178	210	243	262	465
Kg/Lb		1.6	1.6	2.2	3.5	5	6.5	9	21.5

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



Forged Steel Gate Valve in Flanged & BW Ends



Design & Manufacture Standard:

- *Design & Manufacture as per API 602, BS 5352, ASME B16.34.
- *Connection ends dimension as per ASME B16.5, ASME B16.25.
- *Inspection and test as per API 598.
- *Face to face dim. To ANSI B 16.10.

● Main size and weight

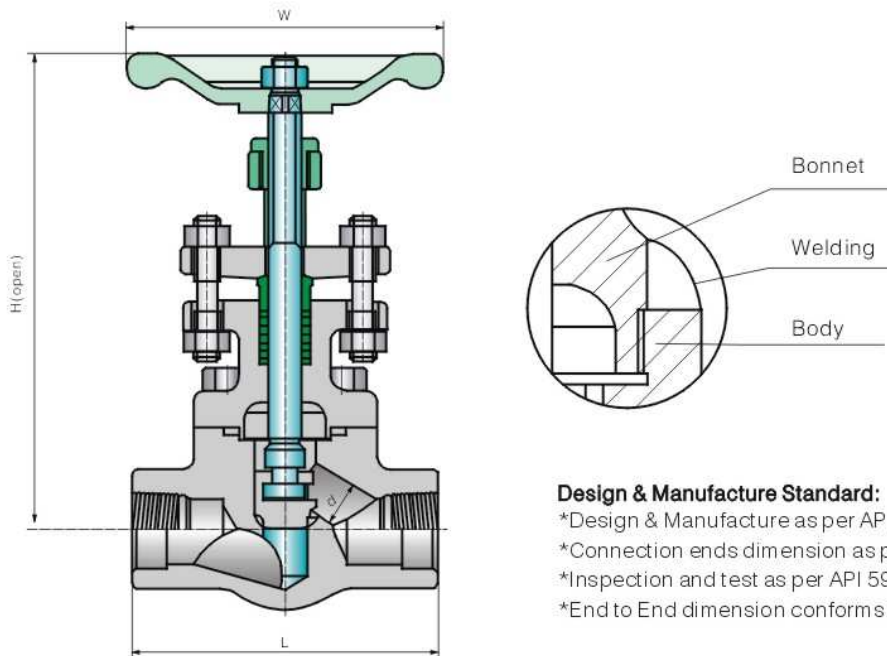
CLASS 150-300-600

SIZE		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
CL150	L(mm)	-	-	108	117	127	140	165	178
CL300		-	-	140	152	165	178	190	216
CL600		-	-	165	190	216	229	241	292
Handwheel diam	W(mm)	-	-	100	100	125	160	160	180
CL150/300	H-OPEN(mm)	-	-	170	195	203	226	243	262
CL600		-	-	148	163	178	226	243	262
Flow path	d(mm)	-	-	10.5	13.5	18	24	29	36.5
CL150	Kg/Lb	-	-	3.4	3.8	5.7	7.2	9.7	13.2
CL300	Kg/Lb	-	-	3.9	5	6.2	9.6	12	16.5
CL600	Kg/Lb	-	-	4	5.2	7.5	12.1	15	20.5

CLASS 900-1500

SIZE	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L(mm)	-	-	216	229	254	279	305	368
W(mm)	-	-	125	125	160	180	200	220
H-OPEN(mm)	-	-	260	300	300	350	390	420
d(mm)	-	-	13.5	18	24	29	36.5	45
Kg/Lb	-	-	11	16	19	25	35	59

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 per ASME B1.20.1, ASME B16.11.
- *Inspection and test as per API 598.
- *End to End dimension conforms to the manufacturer'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

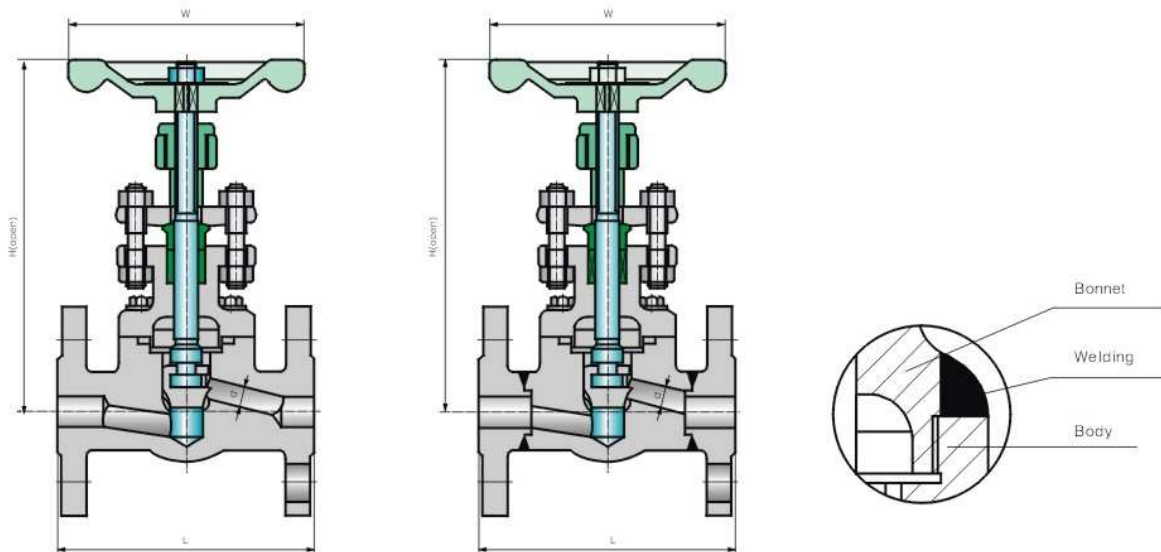
CLASS900-1500

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)		90	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

Forged Steel Valve



Forged Steel Globe Valve in Flanged & BW ends



Design & Manufacture Standard:
 Design & Manufacture as per API 602, BS 5352, ASME B16.34.
 Connection and dimension as per ASME B16.5, ASME B16.25.
 Inspection and test as per API 598.
 Face to face dim. To ANSI B 16.10.

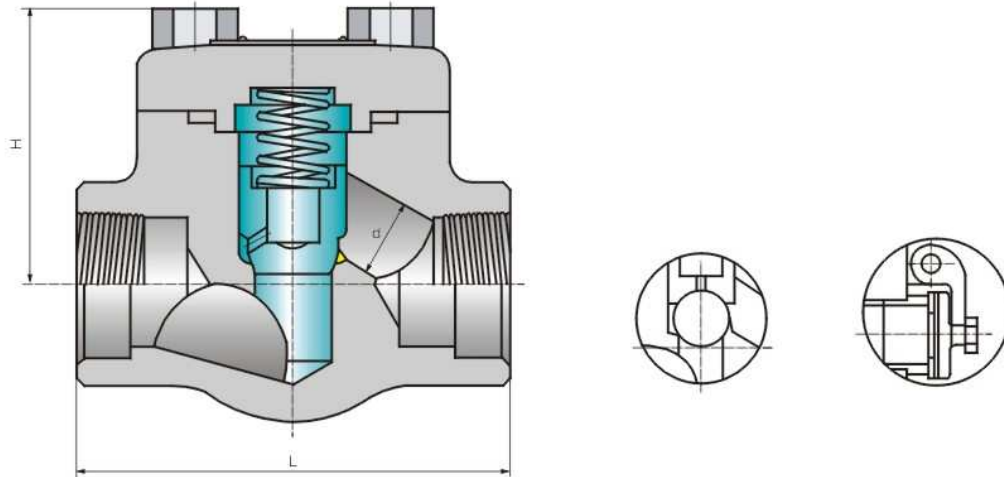
● Main size and weight

Class 150-300-600

SIZE		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
CL150	L(mm)	-	-	108	117	127	140	165	203
CL300		-	-	152	178	203	216	229	267
CL600		-	-	165	190	216	229	241	292
Handwheel diam	W(mm)	-	-	100	165	180	224	248	257
CL150/300	H-OPEN(mm)	-	-	170	197	205	224	248	257
CL600		-	-	148	148	148	148	148	148
Flow Path	d(mm)	-	-	9	12	17.5	23	29	36
CL150	Kg/Lb	-	-	3.4	4	5.7	9.6	10	17
CL300		-	-	4	5	7.3	12	14	20.5
CL600		-	-	4.5	5.5	7.6	17	20	21

CLASS 900-1500

SIZE	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L(RF)	-	-	216	229	254	279	305	368
L(RTJ)	-	-	216	229	254	279	305	371
W(mm)	-	-	125	125	160	160	180	200
H-OPEN(mm)	-	-	207	207	230	250	300	355
d(mm)	-	-	12	17.5	23	29	36	44
Kg/Lb	-	-	11	13.2	17.4	19	24.5	31



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

● Main size and weight

CLASS 800

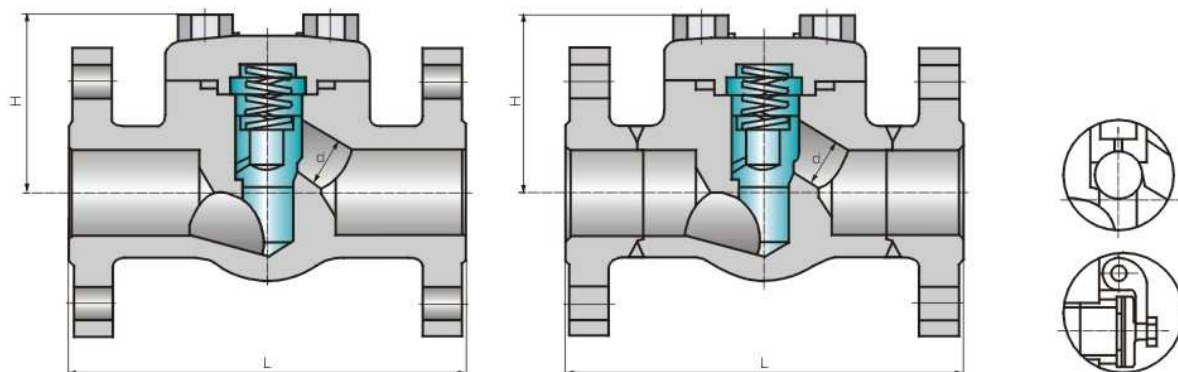
SIZE	R.P	1/2	3/4	1	1 1/4	1 1/2	2		
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Structure length	L (Lift Type)	80	80	90	110	120	155	170	210
	L (Swing Type)	80	80	90	110	120	127	127	210
Flow path	d (Lift Type)	6	9	12	17.5	23	29	36	44
	d (Swing Type)	8	10.5	13.5	18	24	29	36.5	45
Center Height (Open)	H (Lift Type)	53	53	60	73	80	98	118	150
	H (Swing 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
	(Swing 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	
	F.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 (Swing Type)	90	110	110	120	127	127	210	210
Flow path	d (Lift Type)	6	9	12	17.5	23	29	36	44
	d (Swing 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 (Swing 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
	(Swing Type)	1.5	2.4	2.4	4	6	9.5	19	18.5



Class 150-1500 Forged Steel Flanged Check Valve



Design & Manufacture Standard:
 Design & Manufacture as per API 602, BS 5352, ASME B16.34.
 Connection ends Dimension as per ASME B16.5.
 Inspection and test as per API 598.
 Face to face dim. To ANSI B16.10.

● Main size and weight

CLASS 150-300-600

SIZE		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
CI150	L(mm)	-	-	108	117	127	140	165	203
CI300		-	-	152	178	203	216	229	267
CI600		-	-	165	190	216	229	241	292
CI150	H-OPEN(mm)	-	-	75	92	95	95	98	110
CI300 CI600		-	-	53	60	73	101	98	110
Flow path (mm)	d (Lift Type)	-	-	9	12	17.5	23	29	36
	d (Swing Type)	-	-	10.5	13.5	18	24	29	36.5
CI150	Kg/Lb	-	-	2.9	3.2	4.3	5	6.5	14.5
CI300		-	-	3.6	4.2	6	7	12	16
CI600		-	-	4.1	4.7	6.3	8	13	17

CLASS 900-1500

SIZE	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L(RF)	-	-	216	229	254	279	3.5	368
L(RTJ)	-	-	216	229	254	279	3.5	371
H-OPEN(mm)	-	-	81	93	95	101	118	130
Flow path (mm) d (Lift Type)	-	-	9	12	17.5	23	29	36
Flow path (mm) d (Swing Type)	-	-	10.5	13.5	18	24	29	36.5
Kg/Lb	-	-	10.5	12	14	20	27	32.5