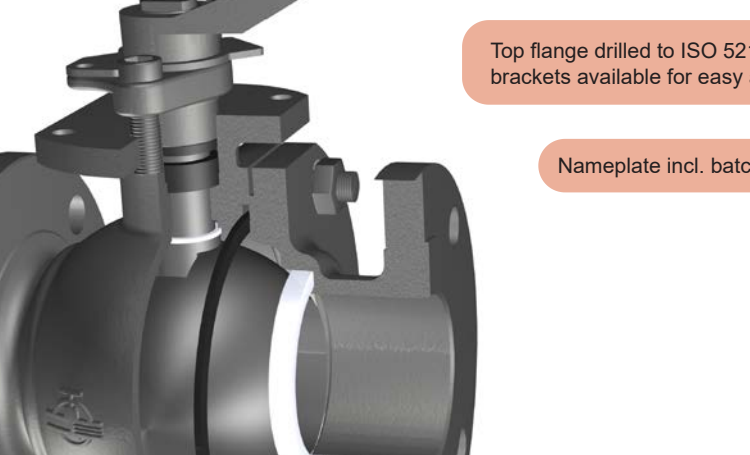


Series BF are floating type, quick closing 90° rotary ball valves, bidirectional, with tightness achieved by friction of the ball blind ends to the seats, devised for stopping the flow of the service fluid when necessary and not being suitable for regulation purposes. Valve closes by turning the hand lever clockwise. They have a robust construction to offer reliable performance in standard services.



Top flange drilled to ISO 5211. A complete range of brackets available for easy and quick automation

Nameplate incl. batch no. for full traceability

Blow out proof stem

Anti-static feature

Fire safe design

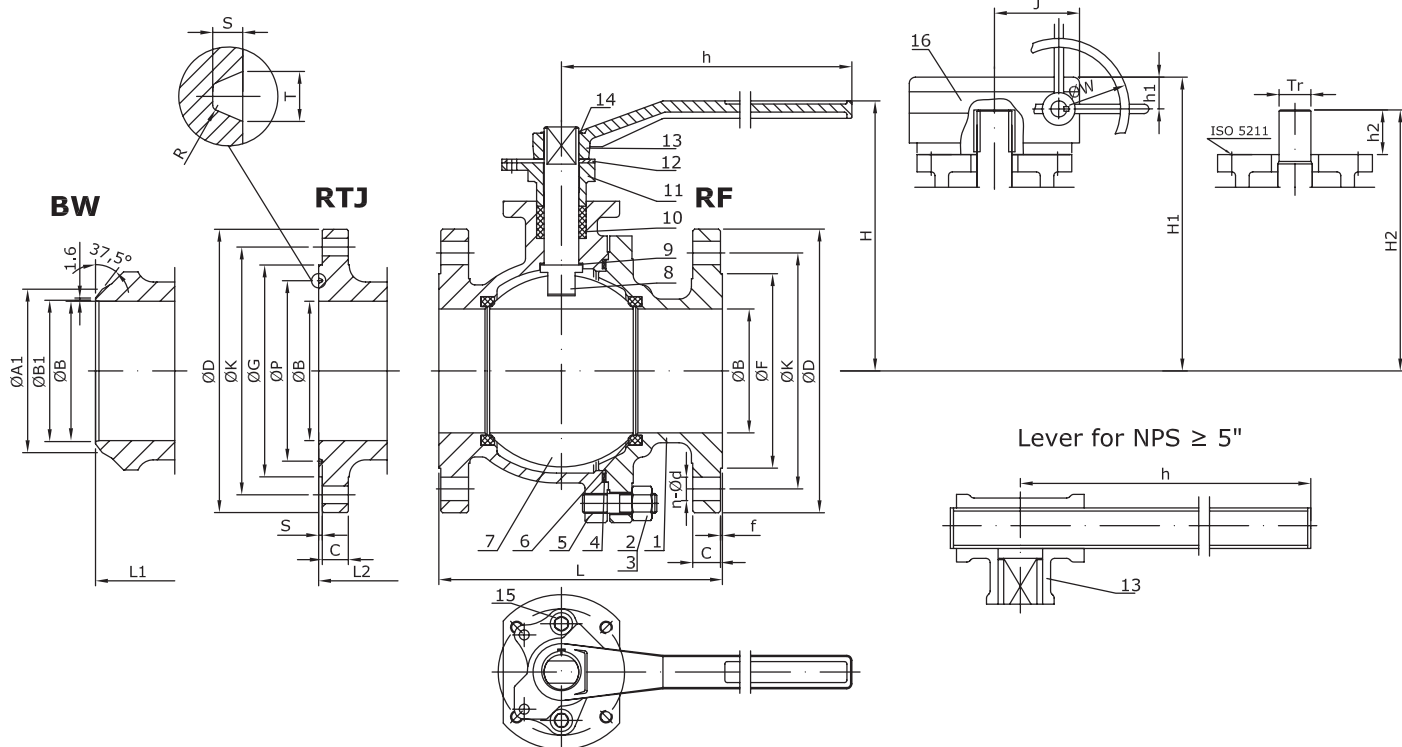
Precision machined components for optimal valve performance, with controlled operating torque and full

Fire safe design

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Main Parts and Materials

SERIES BV BF ANSI RANGE Class 150&300



Nº	Part name	A216 WCB (BFA02_)	A216 WCB/NACE (BFA02_)	A352 LCB/SS304 (BFA82_)	A352 LCB/SS316 (BFA83_)
1	Body Cap	A216 WCB		A352 LCB	
2	Body Bolt	A193 B7	A193 B7M	A320 L7	
3	Body Nut	A194 2H	A194 2HM	A194 4	
4	Gasket	SS304+Graphite	SS316+Graphite	SS304+Graphite	SS316+Graphite
5	Body	A216 WCB		A352 LCB	
6	Seat	RPTFE		RPTFE	
7	Ball	SS304		A182 F304	A182 F316
8	Stem	A182 F304	A182 F316	A182 F304	A182 F316
9	Thrust Washer	PTFE		PTFE	
10	Packing	Flexible Graphite		PTFE	
11	Gland Flange	A216 WCB		A352 LCB	
12	Positioner Plate	Carbon Steel		AISI 1035	
13	Lever (1)	A216 WCB		A216 WCB	
14	Lever Washer	Carbon Steel		Carbon Steel	
15	Bolt	A193 B7	A193 B7M	A320 L7	
16	Gear	Assembly		Assembly	

(1) T type lever for NPS≥5"



Main Valve Parameters - Class 150

SERIES BV BF ANSI RANGE



Nominal Size		inch	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
		DN	15	20	25	40	50	65	80	100	125	150	200
End connection	RF	L	108	117	127	165	178	190	203	229	356	394	457
		ØB	13	19	25	38	51	65	76	102	128	152	203
		ØD	90	100	110	125	150	180	190	230	255	280	345
		ØK	60,3	69,9	79,4	98,4	120,7	139,7	152,4	190,5	215,9	241,3	298,5
		ØF	34,9	42,9	50,8	73	92,1	104,8	127	157,2	185,7	215,9	269,9
		C	8	8,9	9,6	12,7	14,3	15,9	17,5	22,3	22,3	23,9	27
		f	2	2	2	2	2	2	2	2	2	2	2
		n-Ød	4 - 5/8	4 - 5/8	4 - 5/8	4 - 5/8	4 - 3/4	4 - 3/4	4 - 3/4	8 - 3/4	8 - 7/8	8 - 7/8	8 - 7/8
	BW	L1	-	-	-	-	216	241	282	305	-	457	521
		Schedule No.(1)	-	-	-	-	40	-	40	40	-	40	40
		ØB	-	-	-	-	51	65	76	102	128	152	203
		ØA1	-	-	-	-	60,3	-	91	117	-	172	223
		ØB1	-	-	-	-	52,48	-	78	102	-	154	203
	RTJ	L2	-	-	140	178	191	203	216	242	13	407	470
		ØB	-	-	25	38	51	65	76	102	128	152	203
		ØD	-	-	110	125	150	180	190	230	255	280	345
		ØK	-	-	79,4	98,4	120,7	139,7	152,4	190,5	215,9	241,3	298,5
		ØG	-	-	63,5	82,5	102	121	133	171	194	219	273
		ØP	-	-	47,63	65,07	82,55	101,6	114,3	149,23	171,45	193,68	247,65
		C	-	-	9,6	12,7	17,5	20,7	22,3	22,3	22,3	23,9	27
		n-Ød	-	-	4 - 5/8	4 - 5/8	4 - 3/4	4 - 3/4	4 - 3/4	8 - 3/4	8 - 7/8	8 - 7/8	8 - 7/8
		T	-	-	8,74	8,74	8,74	8,74	8,74	8,74	8,74	8,74	8,74
		S	-	-	6,35	6,35	6,35	6,35	6,35	6,35	6,35	6,35	6,35
		R	-	-	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Top works/Operation	Lever	H	85	88	95	124	137	176	205	218	276	318	347
		h	140	150	175	240	240	275	300	370	646	850	1200
	Gear with handwheel	H1	-	-	-	208	213	252	281	301	362	407	424
		h1	-	-	-	39	39	39	39	39	47	53	53
		J	-	-	-	76	76	88	96	96	164	215	215
	ØW	-	-	-	160	160	206	240	240	275	300	300	
	With ISO 5211 mounting pad	H2	103	105	115	162	173	213	242	267	320	360	387
		h2	15	16	20	24	30	33	35	40	46	50	60
		ISO	F05	F05	F05	F07	F07	F10	F10	F10	F14	F14	F14
		Tr	12	14	16	20	20	24	24	28	36	36	40
Torque (Nm) (2)		3	5	11	16	25	48	65	125	289	410	700	
Kvs-value			-	-	-	-	-	-	-	-	-	-	
Approx. Weight RF (3)			4,1	5	5,6	8,3	13	20	26	41	67	86	151
Approx. Weight BW			3	4	4	6	10	16	21	33	56	73	129

(1) Other schedule nos. on request

(2) Torque includes 30% of safety factor

(3) RTJ weight increases approx. by 10%

Dimensions in mm (except for bolt holes - Ød -, which are in inch units) subject to manufacturing tolerance

Kvs-values in m³/h / Torques in Nm / Weights in kg

For more information about flanged and welded ends refer to page 16

Main Valve Parameters - Class 300

SERIES BV BF ANSI RANGE



Nominal Size		inch	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
		DN	15	20	25	40	50	65	80	100	125	150	200
End connection	RF	L	140	152	165	190	216	241	282	305	-	403	502
		ØB	13	19	25	38	51	65	76	102	128	152	203
		ØD	95	115	125	155	165	190	210	255	280	320	380
		ØK	66,7	82,6	88,9	114,3	127	149,2	168,3	200	235	269,9	330,2
		ØF	34,9	42,9	50,8	73	92,1	104,8	127	157,2	185,7	215,9	269,9
		C	12,7	14,3	15,9	19,1	20,7	23,9	27	30,2	33,4	35	39,7
		f	2	2	2	2	2	2	2	2	2	2	2
		n-Ød	4 - 5/8	4 - 3/4	4 - 3/4	4 - 7/8	8 - 3/4	8 - 7/8	8 - 7/8	8 - 7/8	8 - 7/8	12 - 7/8	12 - 1
	BW	L1	-	-	-	-	216	241	282	305		457	521
		Schedule No.(1)	-	-	-	-	40	-	40	40	-	40	40
		ØB	-	-	-	-	51	65	76	102	128	152	203
		ØA1	-	-	-	-	60,3	-	91	117	-	172	223
		ØB1	-	-	-	-	52,48	-	78	102	-	154	203
	RTJ	L2	151	165	178	203	232	257	298	321	16	419	518
		ØB	13	19	25	38	51	65	76	102	128	152	203
		ØD	95	115	125	155	165	190	210	255	280	320	380
		ØK	66,7	82,6	88,9	114,3	127	149,2	168,3	200	235	269,9	330,2
		ØG	51	63,5	70	90,5	108	127	146	175	210	241	302
		ØP	34,14	42,88	50,8	68,27	82,55	101,6	123,83	149,23	180,98	211,12	269,88
		C	12,7	14,3	15,9	19,1	20,7	23,9	27	30,2	33,4	35	39,7
		n-Ød	4 - 5/8	4 - 3/4	4 - 3/4	4 - 7/8	8 - 3/4	8 - 7/8	8 - 7/8	8 - 7/8	8 - 7/8	12 - 7/8	12 - 1
		T	7,14	8,74	8,74	8,74	11,91	11,91	11,91	11,91	11,91	11,91	11,91
		S	5,54	6,35	6,35	6,35	7,92	7,92	7,92	7,92	7,92	7,92	7,92
		R	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
		Top works/Operation	Lever	H	85	88	95	124	142	170	190	218	274
h	140			150	175	240	240	292	330	370	646	850	1200
Gear with handwheel	H1		-	-	-	208	226	232	236	296	357	402	465
	h1		-	-	-	39	39	39	39	39	47	53	68
	J		-	-	-	76	76	88	96	96	164	215	254
	ØW		-	-	-	160	160	206	240	240	275	300	350
With ISO 5211 mounting pad	H2		103	105	115	162	185	214	236	262	315	355	400
	h2		15	16	20	24	30	33	35	40	46	50	60
	ISO		F05	F05	F05	F07	F07	F10	F10	F10	F14	F14	F16
	Tr		12	14	16	20	20	24	24	28	36	36	40
	Torque (Nm) (2)		7	12	26	38	60	118	160	280	665	950	1550
Kvs-value			-	-	-	-	-	-	-	-	-	-	-
Approx. Weight RF (3)			3,2	5	6,2	12	17	27	35	61	96	121	215
Approx. Weight BW		2,2	3,4	4,4	8,8	12	20	27	48	77	98	179	

(1) Other schedule nos. on request

(2) Torque includes 30% of safety factor

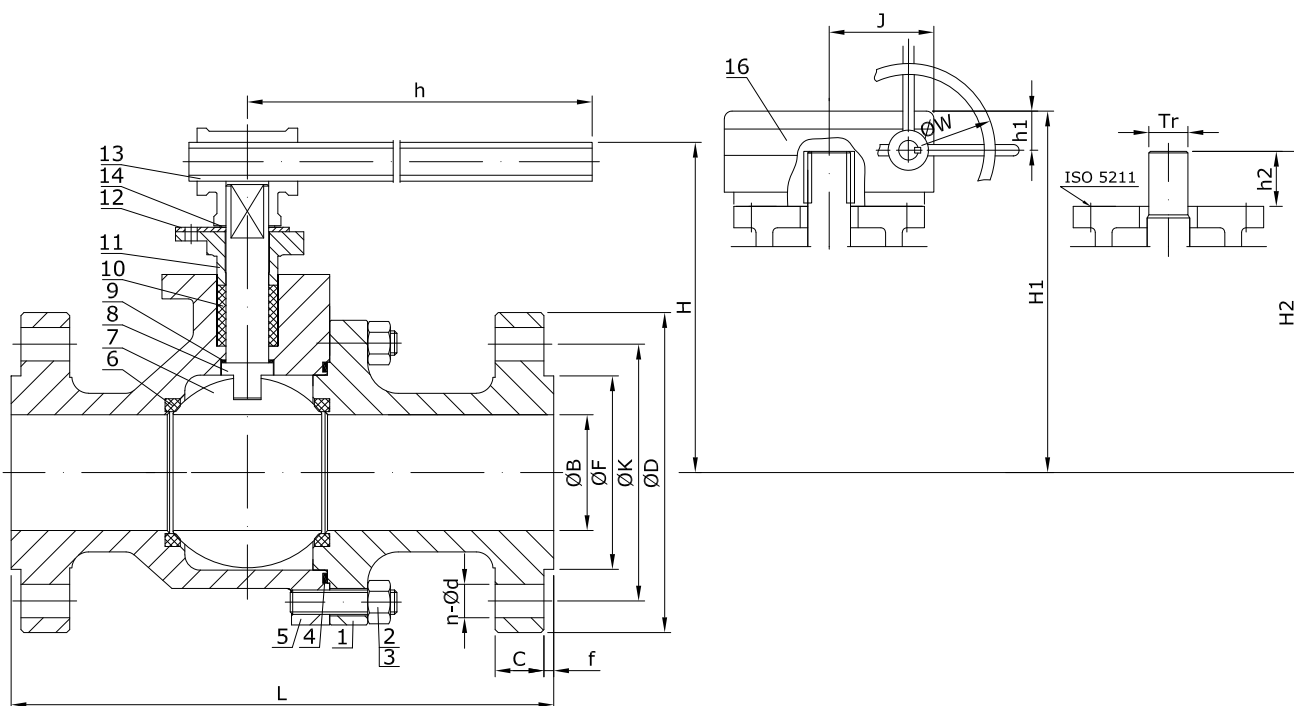
(3) RTJ weight increases approx. by 10%

Dimensions in mm (except for bolt holes - Ød -, which are in inch units) subject to manufacturing tolerance

Kvs-values in m³/h / Torques in Nm / Weights in kg

For more information about flanged and welded ends refer to page 16

Main Parts and Materials

SERIES BV BF ANSI RANGE
Class 600


Nº	Part name	A216 WCB (BFA02_)	A216 WCB/NACE (BFA02_)	A352 LCB2/SS304 (BFA82_)	A352 LCB3/SS316 (BFA83_)
1	Body Cap	A216 WCB		A352 LCB	
2	Body Bolt	A193 B7	A193 B7M	A320 L7	
3	Body Nut	A194 2H	A194 2HM	A194 4	
4	Gasket	SS304+Graphite	SS316+Graphite	SS304+Graphite	SS316+Graphite
5	Body	ASTM A216 WCB		A352 LCB	
6	Seat	RPTFE			
7	Ball	A105.ENP	A105N.ENP	A182 F304	A182 F316
8	Stem	A182 F6a	A182 F316	A182 F304	A182 F316
9	Thrust Washer	PTFE			
10	Packing	Flexible Graphite		PTFE	
11	Gland Flange	A216 WCB		A352 LCB	
12	Positioner Plate	Carbon Steel		AISI 1035	
13	Lever	A216 WCB			
14	Lever Washer	Carbon Steel			
16	Gear	Assembly			

Nº	Part name	A351 CF8 (BF12_)	A351 CF8M (BF10_)	A351 CF3 (BF11_)	A351 CF3M (BF17_)
1	Body Cap	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
2	Body Bolt	A193 B8	A193 B8M	A193 B8M	A193 B8M
3	Body Nut	A194 8	A194 8M	A194 8M	A194 8M
4	Gasket	SS304+Graphite	SS316+Graphite	SS304+Graphite	SS316+Graphite
5	Body	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
6	Seat	RPTFE			
7	Ball	A182 F304	A182 F316	A182 F304L	A182 F316L
8	Stem	A182 F304	A182 F316	A182 F304L	A182 F316L
9	Thrust Washer	PTFE			
10	Packing	PTFE			
11	Gland Flange	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
12	Positioner Plate	St. Steel			
13	Lever	A216 WCB+Epoxy Coated to Epoxy			
14	Lever Washer	Carbon Steel			
16	Gear	Assembly			

Information / restriction of technical rules need to be observed!
Installation, Operating and Maintenance Manual can be downloaded at www.comeval.es

The engineer, designing a system or a plant, is responsible for the selection of the correct valve
Product suitability must be verified, contact manufacturer for information

Main Valve Parameters - Class 600

SERIES BV BF ANSI RANGE



Nominal Size		inch	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
		DN	15	20	25	40	50	65	80	100
End connection	RF	L	165	190	216	241	292	330	356	432
		ØB	13	19	25	38	51	65	76	102
		ØD	95	115	125	155	165	190	210	275
		ØK	66,7	82,6	88,9	114,3	127	149,2	168,3	215,9
		ØF	34,9	42,9	50,8	73	92,1	104,8	127	157,2
		C	14,3	15,9	17,5	22,3	25,4	28,6	31,8	38,1
		f	7	7	7	7	7	7	7	7
		n-Ød	4 - 5/8	4 - 3/4	4 - 3/4	4 - 7/8	8 - 3/4	8 - 7/8	8 - 7/8	8 - 1
	BW	L1	165	190	216	241	292	330	356	432
		Schedule No.(1)	-	-	-	-	80	-	80	80
		ØB	-	-	-	-	51	65	76	102
		ØA1	-	-	-	-	60,3	-	91	117
		ØB1	-	-	-	-	49,22	-	73,5	97
	RTJ	L2	163	190	216	241	295	333	359	435
		ØB	13	19	25	38	51	65	76	102
		ØD	95	115	125	155	165	190	210	275
		ØK	66,7	82,6	88,9	114,3	127	149,2	168,3	215,9
		ØG	51	63,5	70	90,5	108	127	146	175
		ØP	34,14	42,88	50,8	68,27	82,55	101,6	123,83	149,23
		C	14,3	15,9	17,5	22,3	25,4	28,6	31,8	38,1
		n-Ød	4 - 5/8	4 - 3/4	4 - 3/4	4 - 7/8	8 - 3/4	8 - 7/8	8 - 7/8	8 - 1
		T	7,14	8,74	8,74	8,74	11,91	11,91	11,91	11,91
		S	5,54	6,35	6,35	6,35	7,92	7,92	7,92	7,92
		R	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Top works/Operation	Lever	H	85	88	95	133	179	206	226	274
		h	140	150	175	240	400	458	500	600
	Gear with handwheel	H1	-	-	180	218	261	297	323	367
		h1	-	-	39	39	40	45	48	53
		J	-	-	76	76	96	149	188	215
	With ISO 5211 mounting pad	ØW	-	-	160	160	240	263	280	300
		H2	103	105	130	172	217	250	275	315
		h2	15	16	20	24	30	36	40	45
		ISO	F05	F05	F07	F07	F10	F12	F12	F14
		Tr	12	14	16	20	22	26	26	30
		Torque (Nm) (2)	19	35	68	130	190	345	460	770
Kvs-value		-	-	-	-	-	-	-	-	
Approx. Weight RF (3)		5,7	6,5	10	18	26	42	54	91	
Approx. Weight BW		4,6	4,7	8,1	14	19	32	41	68	

(1) Other schedule nos. on request

(2) Torque includes 30% of safety factor

(3) RTJ weight increases approx. by 10%

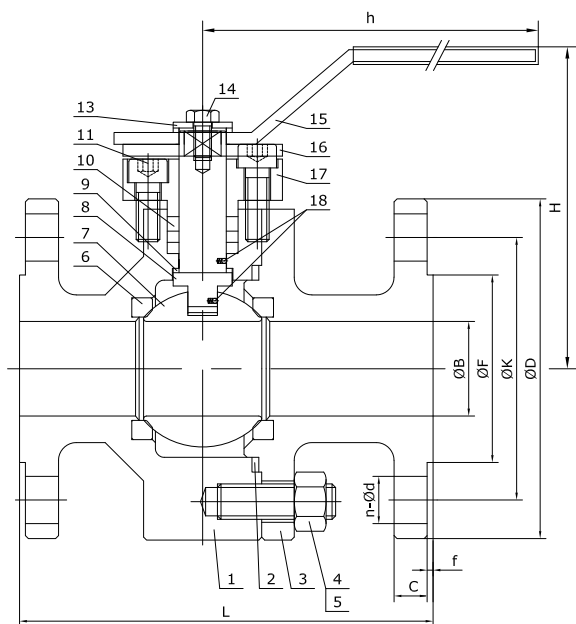
Dimensions in mm (except for bolt holes - Ød -, which are in inch units) subject to manufacturing tolerance

Kvs-values in m³/h / Torques in Nm / Weights in kg

For more information about flanged and welded ends refer to page 16

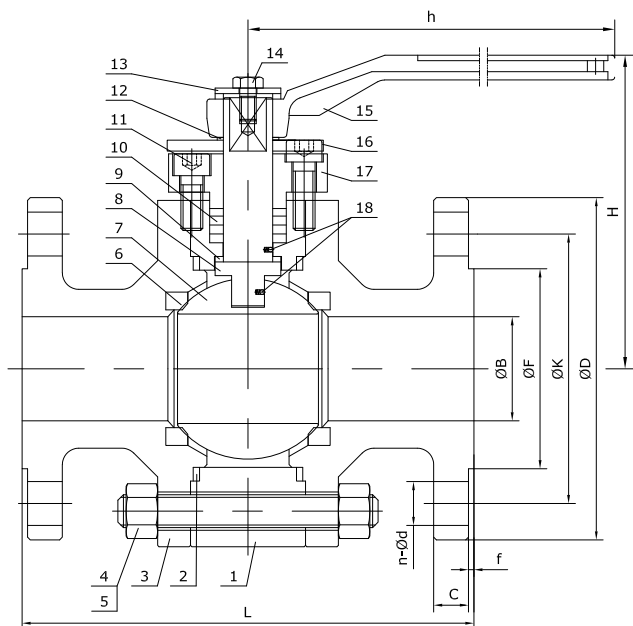
Main Parts and Materials

SERIES BV B8 ANSI RANGE Class 150 1/2" to 1-1/4"



N°	Part name	A105	A182 F304	A182 F316
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	St. Steel	St. Steel	St. Steel
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

SERIES BV B8 ANSI RANGE Class 150 1-1/2" to 2"



N°	Part name	A105	A182 F304	A182 F316
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
12	Washer	Carbon Steel	Carbon Steel	Carbon Steel
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	Carbon Steel+epoxy coated	Carbon Steel+epoxy coated	Carbon Steel+epoxy coated
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

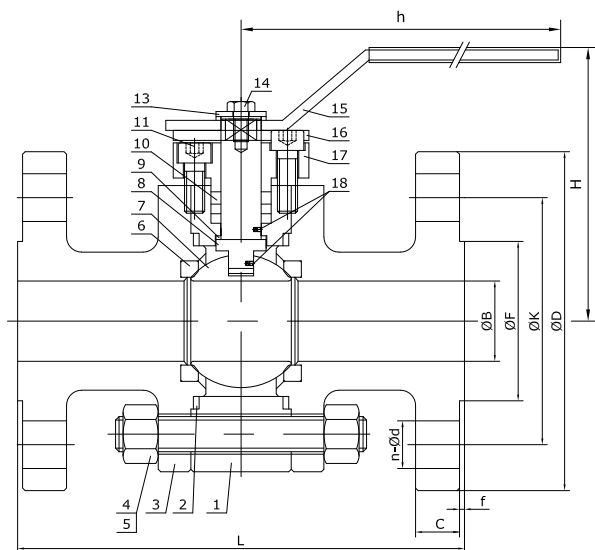
Main Valve Parameters - Class 150

Nominal Size		inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
		DN	15	20	25	32	40	50
End connection	RF	L	108	117	127	140	165	178
		ØB	13	19	25	32	38	51
		ØD	90	100	110	115	125	150
		ØK	60,3	69,9	79,4	88,9	98,4	120,7
		ØF	34,9	42,9	50,8	63,5	73	92,1
		C	8	8,9	9,6	11,2	12,7	14,3
		f	2	2	2	2	2	2
Lever	h	n-Ød	4 - 5/8	4 - 5/8	4 - 5/8	4 - 5/8	4 - 5/8	4 - 3/4
		H	80	92	98	109	115	132
		h	136	174	185	185	210	242

Dimensions in mm (except for bolt holes - Ød -, which are in inch units) subject to manufacturing tolerance
For more information about flanged and welded ends refer to page 16

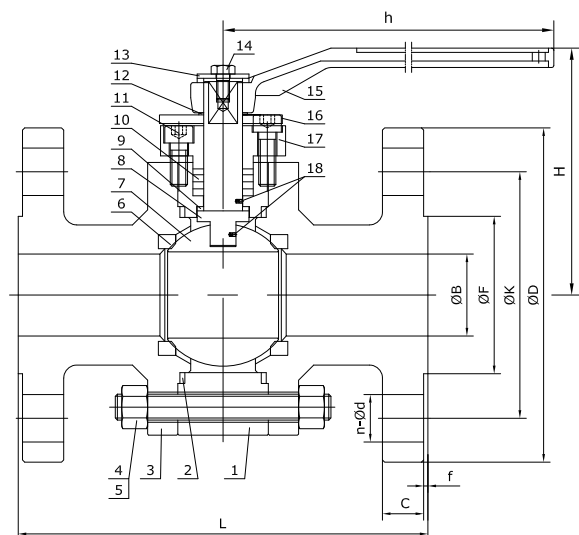
Main Parts and Materials

SERIES BV B8 ANSI RANGE Class 300 1/2" to 1-1/4"



Nº	Part name	A105	A182 F304	A182 F316
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	St. Steel	St. Steel	St. Steel
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

SERIES BV B8 ANSI RANGE Class 300 1-1/2" to 2"



Nº	Part name	A105	A182 F304	A182 F316
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
12	Washer	Carbon Steel	Carbon Steel	Carbon Steel
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	Carbon Steel+e-poxy coated	Carbon Steel+e-poxy coated	Carbon Steel+e-poxy coated
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

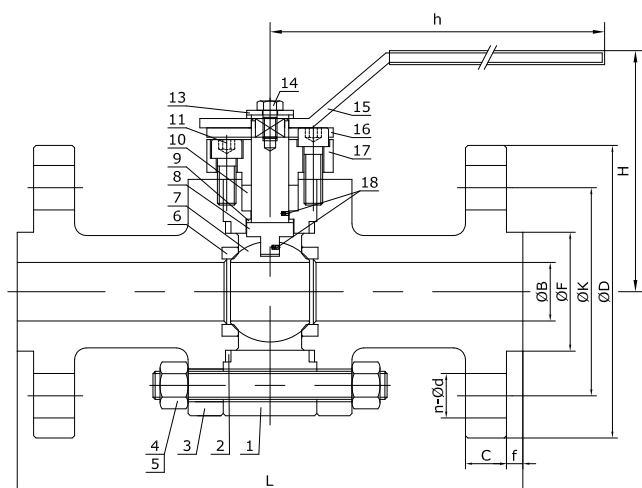
Main Valve Parameters - Class 300

Nominal Size		inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
		DN	15	20	25	32	40	50
End connection	RF	L	140	152	165	178	190	216
		ØB	13	19	25	32	38	51
		ØD	95	115	125	135	155	165
		ØK	66,7	82,6	88,9	98,4	114,3	127
		ØF	34,9	42,9	50,8	63,5	73	92,1
		C	12,7	14,3	15,9	17,5	19,1	20,7
		f	2	2	2	2	2	2
		n-Ød	4 - 5/8	4 - 3/4	4 - 3/4	4 - 3/4	4 - 7/8	8 - 3/4
Lever		H	80	92	98	109	115	132
		h	136	174	185	185	210	242

Dimensions in mm (except for bolt holes - Ød -, which are in inch units) subject to manufacturing tolerance
For more information about flanged and welded ends refer to page 16

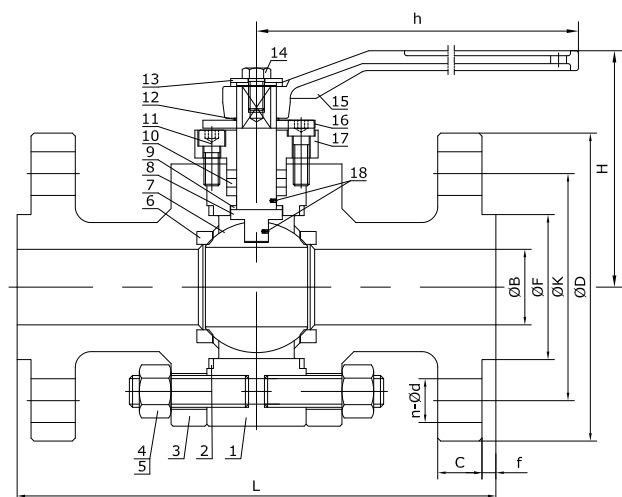
Main Parts and Materials

SERIES BV B8 ANSI RANGE Class 600 1/2" to 1"



Nº	Part name	A105	A182 F304	A182 F316
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	St. Steel	St. Steel	St. Steel
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

SERIES BV B8 ANSI RANGE Class 600 1-1/4" to 2"



Nº	Part name	A105	A182 F304	A182 F316
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
12	Washer	Carbon Steel	Carbon Steel	Carbon Steel
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	Carbon Steel+e-poxy coated	Carbon Steel+e-poxy coated	Carbon Steel+e-poxy coated
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

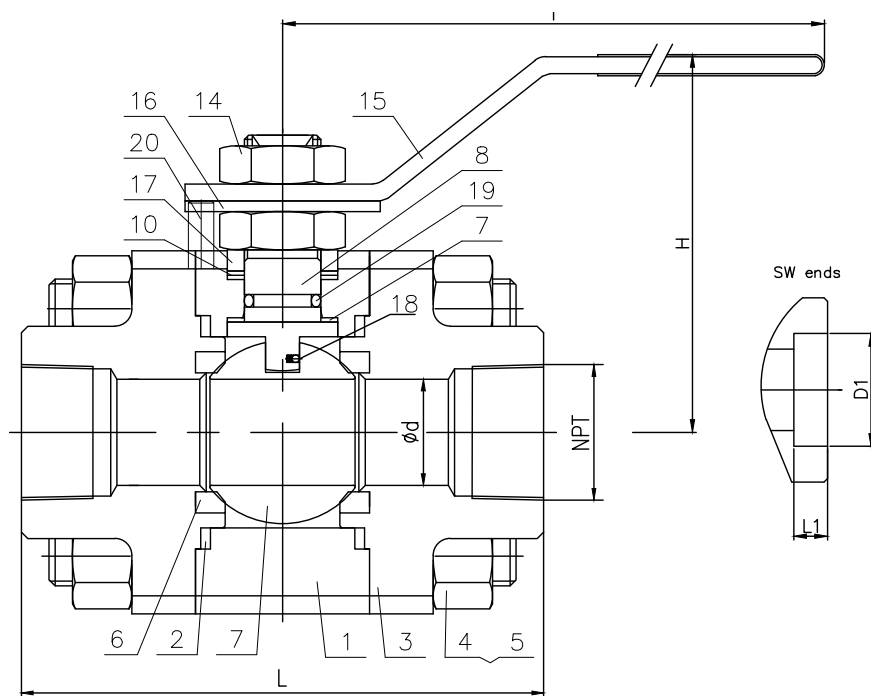
Main Valve Parameters - Class 600

Nominal Size		inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
		DN	15	20	25	32	40	50
End connection	RF	L	165	190	216	229	241	292
		ØB	13	19	25	32	38	51
		ØD	95	115	125	135	155	165
		ØK	66,7	82,6	88,9	98,4	114,3	127
		ØF	34,9	42,9	50,8	63,5	73	92,1
		C	14,3	15,9	17,5	20,7	22,3	25,4
		f	7	7	7	7	7	7
		n-Ød	4 - 5/8	4 - 3/4	4 - 3/4	4 - 3/4	4 - 7/8	8 - 3/4
Lever		H	80	93	103	106	119	139
		h	136	185	185	210	240	330

Dimensions in mm (except for bolt holes - Ød -, which are in inch units) subject to manufacturing tolerance
For more information about flanged and welded ends refer to page 16

Main Parts and Materials

SERIES BV B8 ANSI RANGE Class 800 1/2" to 2"



Nº	Part name	A105 (B8A03_)	F304 (B8I22)
1	Body	ASTM A105	A182 F304
2	Gasket	SS316 + Graphite	SS304 + Graphite
3	Bonnet nut	ASTM A105	A182 F304
4	Bonnet bolt	A193 B7	A193 B8
5	Bonnet nut	A194 2H	A194 8
6*	Seat ring	RPTFE	RPTFE
7	Ball	A182 F316	A182 F304
8	Stem	A182 F316	A182 F304
9	Gasket	PTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite
14	Lever nut	A194 2H	A193 B7
15	Lever nut	St. steel	St. steel
16	Positioner	Carbon steel	Carbon steel
17	Packing gland	ASTM A105	A182 F304
18	Anti-static	SS316	SS304
19	O-ring	Viton	Viton
20	Pin	Carbon steel	Carbon steel

*Option PTFE+Graphite

Main Valve Parameters - Class 800

Nominal Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
DN		15	20	25	32	40	50
d		13	19	25	30	38	50
L		94	110	123	134	147	170
SW ends	L1	10	13	13	13	13	16
	D1	22	27.1	34	42.6	50	61.2
Lever	H	72.5	82	90	94	105	115
	T	136	172	201	201	235	330

Dimensions in mm subject to manufacturing tolerance
For more information about flanged and welded ends refer to page 16