



K-BALL SERIES 155 FLOATING BALL VALVE

A general purpose three piece, full bore swing-out design floating ball valve



FEATURES

- Three piece, swing out design
- Investment casting for body and end cap
- Available in Carbon Steel (WCB / 1.0619) and Stainless Steel (CF8M / 1.4408) body materials
- Blow-out proof stem
- Locking device
- Full bore
- Tightness to EN 12266-1 Rate A and API 598
- Butt weld
- Socket weld
- Threaded ends to:
 - BSPP
 - BSPT
 - NPT

GENERAL APPLICATIONS

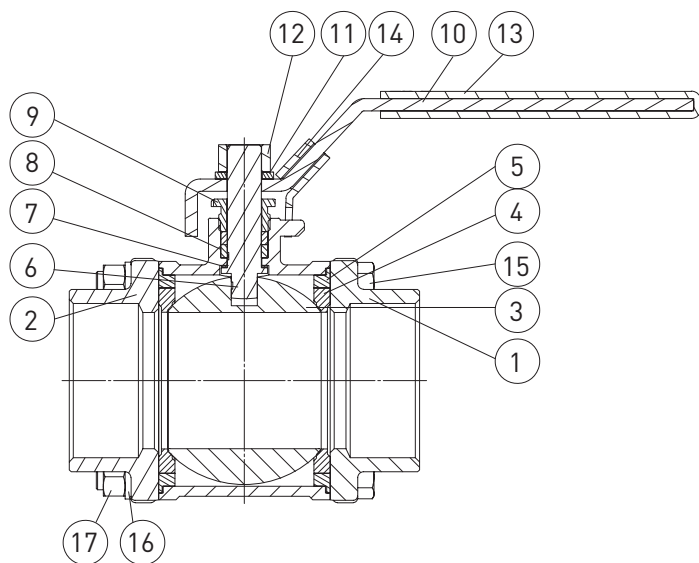
Ideal for general industrial and service applications including water, oil, gas and chemical processes.

TECHNICAL DATA

Size range:	DN 8 - 100 NPS ¼ - 4
End connections:	Threaded, butt weld, socket weld
Pressure rating:	DN 8 - 50 (NPS ¼ - 2): 69 bar / PN 69 / 1000 psi DN 65 - 100 (NPS 2½ - 4) 41.4 bar / 600 psi
Temperature rating:	See chart on page 4

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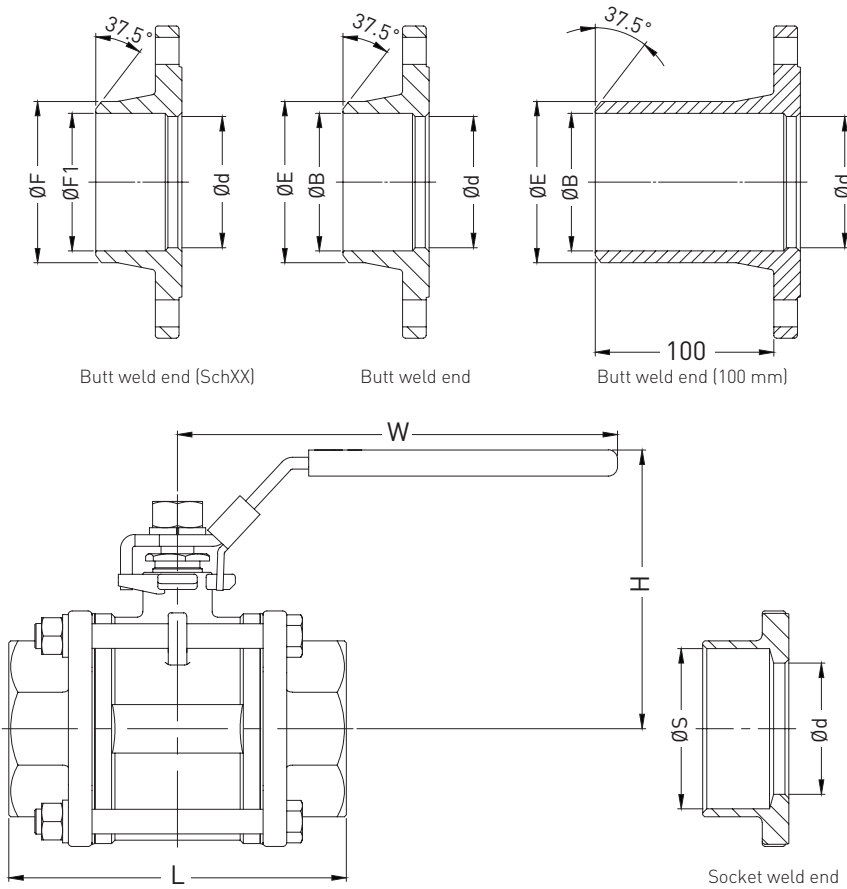


PARTS LIST

No.	Description	Material		Quantity
		SS	CS	
1	Body	ASTM-A351-CF8M	ASTM-A216-WCB	1
2	Cap	ASTM-A351-CF8M	ASTM-A216-WCB	2
3	Ball	ASTM-A351-CF8M		1
4	Ball seat	PTFE		2
5	Joint gasket	PTFE		2
6	Stem	AISI 316		1
7	Thrust washer	PTFE		1
8	Stem packing	PTFE		2
9	Gland nut	AISI 304		1
10	Handle	AISI 304		1
11	Stem washer	AISI 304		1
12	Stem nut	AISI 304		1
13	Plastic cover	Plastic		1
14	Lock device	AISI 304		1
15	Bolt	AISI 304		DN 8-65 (NPS 1/4-2 1/2) 4 pcs DN 80-100 (NPS 3-4) 6 pcs
16	Spring washer	AISI 304		DN 8-65 (NPS 1/4-2 1/2) 4 pcs DN 80-100 (NPS 3-4) 12 pcs
17	Hex nut	AISI 304		DN 8-65 (NPS 1/4-2 1/2) 4 pcs DN 80-100 (NPS 3-4) 12 pcs

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DIMENSIONS (mm)

Valve size DN	Ød	L	L (100 mm)	H	W	ØB	ØE	ØS	ØF	ØF1			Weight (kg)
										Sch10	Sch40	Sch80	
8	11.6	54.0	231.2	53.6	92.0	12.0	18.0	14.1	13.7	10.4	9.2	7.7	0.34
10	12.8	54.0	231.2	53.6	92.0	14.0	18.0	17.6	18.0	13.8	12.5	10.7	0.34
15	15.0	61.5	236.2	56.1	92.0	15.8	22.0	21.7	22.0	17.1	15.8	13.8	0.46
20	20.0	71.0	243.0	61.8	112.0	21.0	28.0	27.2	28.0	22.5	21.0	18.9	0.62
25	25.0	83.5	250.0	75.8	137.0	26.7	34.0	33.9	34.0	27.9	26.6	24.3	0.96
32	32.0	97.0	260.8	81.4	137.0	35.1	44.0	42.6	44.0	36.7	35.1	32.5	1.49
40	38.0	110.5	270.2	97.2	162.0	40.9	50.0	48.7	50.0	42.8	40.9	38.1	2.00
50	50.0	129.0	283.2	105.5	162.0	52.5	61.5	61.1	61.5	54.8	52.5	49.2	3.12
65	65.0	171.5	305.6	140.5	217.0	69.0	76.0	76.9	73.0	66.9	62.7	59.0	6.50
80	80.0	200.0	322.6	150.7	217.0	82.0	90.0	89.8	90.0	82.8	77.9	73.7	10.42
100	100.0	252.0	350.4	174.3	325.0	106.0	115.0	115.4	115.0	108.2	102.8	98.1	20.20

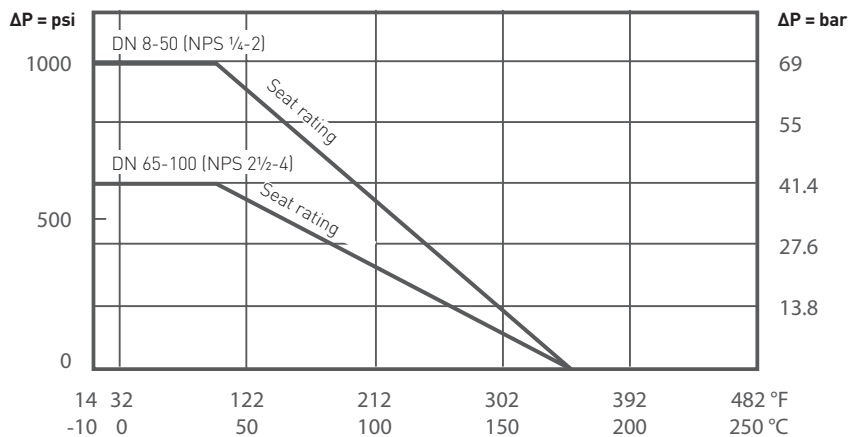
DIMENSIONS (inch)

Valve size NPS	Ød	L	L (100 mm)	H	W	ØB	ØE	ØS	ØF	ØF1			Weight (lbs)
										Sch10	Sch40	Sch80	
¼"	0.46	2.13	9.10	2.11	3.62	0.47	0.71	0.56	0.54	0.41	0.36	0.30	0.75
⅜"	0.50	2.13	9.10	2.11	3.62	0.55	0.71	0.69	0.71	0.54	0.49	0.42	0.75
½"	0.59	2.42	9.30	2.21	3.62	0.62	0.87	0.85	0.87	0.67	0.62	0.54	1.01
¾"	0.79	2.80	9.57	2.43	4.41	0.83	1.10	1.07	1.10	0.89	0.83	0.74	1.37
1"	0.98	3.29	9.84	2.98	5.39	1.05	1.34	1.33	1.34	1.10	1.05	0.96	2.12
1¼"	1.26	3.82	10.27	3.20	5.39	1.38	1.73	1.68	1.73	1.44	1.38	1.28	3.28
1½"	1.50	4.35	10.64	3.83	6.38	1.61	1.97	1.92	1.97	1.68	1.61	1.50	4.41
2"	1.97	5.08	11.15	4.15	6.38	2.07	2.42	2.41	2.42	2.16	2.07	1.94	6.88
2½"	2.56	6.75	12.03	5.53	8.54	2.72	2.99	3.03	2.87	2.63	2.47	2.32	14.33
3"	3.15	7.87	12.70	5.93	8.54	3.23	3.54	3.54	3.54	3.26	3.07	2.90	22.97
4"	3.94	9.92	13.80	6.86	12.80	4.17	4.53	4.54	4.53	4.26	4.05	3.86	44.53

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PRESSURE / TEMPERATURE RATING



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