



## Floating Ball Valve Figure No. System

Sample:

4		F3		06		RF		A		A		R		R		6		F		G		G		N	
Valve type	Bore & Class	Size	End Configuration		Design	Body/Bonnet	Trim Material		Seat	Sealing Components		Operation	OTHER												
			RF - RAISED FACE FLGD END	FF - FLAT FACE FLGD END			Ball	Stem		Primary Stem Seal	Packing/Gaskets		N - NACE												
4-FLOATING	S1 - 150# STD PORT	02"	RF - RAISED FACE FLGD END		A - 2 PCE	P - A105N <sup>(2)</sup>	R - A182-F316	A - 4130/ENP <sup>(3)</sup>	3 - RPTFE (Cls 150, 300)	F - FKM/VITON GLT (-50°F, NACE)	G - GRAPHITE <sup>(5)</sup>	L - LEVER OPERATED	N - NACE												
	S3 - 300# STD PORT	2.5"	FF - FLAT FACE FLGD END		C - 3 PCE	A - A216-WCB	P - A105N/ENP <sup>(3)</sup>	O - 17-4PH <sup>(4)</sup>	4 - PEEK	H - HNBR (HSN) (-50°F)	P - PTFE	B - BARE STEM	B - PORTED RELIEF TO UPSTREAM												
	S6 - 600# STD PORT	03"	NP - NPT			S - A350-LF2 <sup>(2)</sup>	R - A182-F316	R - A182-F316	6 - DEVLON V (Cls 600, 900, 1500)		T - TFE	G - GEAR OPERATED <sup>(6)</sup>	C - CRYOGENIC (extension & testing per MSS-SP-134)												
	S8 - 800# STD PORT	04"	TW - SW <sup>(1)</sup> x THD			H - A352-LCC			7 - PCTFE (CRYO)			A - ACTUATED	D - BLEED VALVE												
	S9 - 900# STD PORT	05"	SW - SOCKET WELD <sup>(1)</sup>			R - A182-F316							EB - EXT. BONNET												
	S15 - 1500# STD PORT	06"	RJ - RING TYPE JOINT FLGD END			J - A351-CF8M							J - JACKETED												
	F1 - 150# FULL PORT	08"	BW - BUTTWELD END <sup>(7)</sup>										K - LIVE LOAD PACKING												
	F3 - 300# FULL PORT	10"	RB - RAISED FACE X BUTTWELD <sup>(1)</sup>										P - SHORT PATTERN												
	F6 - 600# FULL PORT		ZZ - OTHER, SPECIFY		0 - 1 PCE	Z - OTHER, SPECIFY	Z - OTHER, SPECIFY	Z - OTHER, SPECIFY	Z - OTHER, SPECIFY	Z - OTHER, SPECIFY	Z - OTHER, SPECIFY	Z - OTHER, SPECIFY	R - CAVITY RELIEF VALVE												
	F8 - 800# FULL PORT	0A - 1/4"				B - A216-WCC	O - 17-4PH	1 - F6 (410)	A - MEMORY-RPTFE	A - AFLAS			Z - OTHER, SPECIFY												
F9 - 900# FULL PORT	0B - 3/8"				C - A217-WC6	U - 17-4PH / STL	2 - 304 SS	B - PEEK+graphite	B - NBR (Buna-N, Nitrile)																
F15 - 1500# FULL PORT	0C - 1/2"				D - A217-WC9	V - 17-4PH / TC	3 - 310 SS	C - DELRIN	D - VITON DURO 90																
E6 - PN 6, STD PORT	0D - 3/4"				E - A217-C5	1 - F6 (410)	4 - F316/316L	D - F22	E - VITON GF																
E1 - PN 10, STD PORT	01 - 1"				F - A217-C12	2 - 304 SS	9 - MONEL	G - SS 316	K - KALREZ																
E16 - PN 16, STD PORT	1A - 1 1/4"				G - A352-LCB	3 - 310 SS	B - ALLOY 20	S - STL	N - NONE																
E25 - PN 25, STD PORT	1C - 1 1/2"				I - A351-CF8	4 - F316/316L	C - F321	T - TUNGSTEN CARBIDE	P - PTFE																
E40 - PN 40, STD PORT	1D - 1 3/4"				K - A351-CF3	9 - MONEL	D - F22	1 - NYLON/MoS <sub>2</sub>	R - RPTFE																
E64 - PN 64, STD PORT					L - A351-CF3M	B - ALLOY 20	E - F347	2 - PTFE	T - POLYMYTE ORANGE																
E10 - PN 100, STD PORT					M - A351-CN7M	C - F321	X - F51	5 - FEP	V - VITON A (-20°F)																
G6 - PN 6, FULL PORT					N - A351-CF8C	D - F22	Y - F53	9 - VITON DURO 90	X - VITON AED (-30°F)																
G1 - PN 10, FULL PORT					Q - A890 CD3MN	E - F347																			
G16 - PN 16, FULL PORT					T - A350-LF3	S - A350-LF2/ENP <sup>(3)</sup>																			
G25 - PN 25, FULL PORT					W - A182 F304/304L	X - F51																			
G40 - PN 40, FULL PORT					X - A182 F51	Y - F53																			
G64 - PN 64, FULL PORT					2 - A182-F55																				
G10 - PN 100, FULL PORT					4 - A182 F316/316L																				

**\*Notes**

- 1) Customer to specify schedule for BW, SW ends. XH is Beric std. for SW end.
- 2) All bolting shall be selected based on the body/bonnet material. A105N shall be B7M/2HM and A350 LF2 shall be L7M/7M.
- 3) 3 mil ENP coating.
- 4) Heat treated to meet NACE requirements.
- 5) 316 SS spiral wound graphite gasket.
- 6) Low Temp. NACE valves gear operators are supplied with low temp grease.
- 7) Valve sizes 1/4" to 1 3/4" are designed and tested to API 608.  
2" valve is available designed and tested to API 608 and 6D.

**Design/Testing Standards and Features:**

- 1) Designed and Marked to API 608, 6D, CSA Z245.15-13, NACE MR 0175/ISO 15156, ASME B16.34, 16.5.
- 2) Tested to API 6D, 608 and CSA Z245.15-13.
- 3) Certified to API 607, 641.
- 4) Quality Management System to API Q1, ISO 9001.
- 5) Top works mounting pad per ISO 5211.
- 6) Blow out proof stem design, Adjustable packing, Anti-static device, Locking device.
- 9) CRN registration for all products.