Example: 2F1150A2A2RL

2"	Ball Full Port Floating	ANSI150	A216 WCB	A216 WCB	RF X RF	Lever Operated

1	2		3	4	5		6
Bore Size	**Valve Type**		**Pressure Class**	**Body Material**	**Trim Material**		**End Connections**
.01 = 1/16"	**Ball Valves = B**	**Gate Valve = G**	**ANSI**	A1 = A105 (Forged Carbon Steel)	A1 = A105 (Forged Carbon Steel)	**API 600/602 Trim**	C = Clamp
.02 = 1/8"	F5 = Ball Full Port 2-Piece Trunnion	EG = Gate Expanding	150 = ANSI 150	A2 = A216 WCA/WCB/WCC (Cast Carbon Steel)	A2 = A216 WCA/WCB/WCC (Cast Carbon Steel)	01 = 1	F = FF x FF
.03 = 3/16"	TW = Ball Full Port 3-Way 135° Top Entry	GC = Gate Geothermal Conduit	175 = ANSI 175	F2 = A350-LF2 (Forged Low Temperature Carbon Steel)	F2 = A350-LF2 (Forged Low Temperature Carbon Steel)	02 = 2	J = RTJ x RTJ
.25 = 1/4"	F1 = Ball Full Port Floating	PS = Gate Parallel Side	300 = ANSI 300	C1 = A352-LC1 (Cast Low Temperature Carbon Steel)	C1 = A352-LC1 (Cast Low Temperature Carbon Steel)	03 = 3	R = RF x RF
.05 = 5/16"	F2 = Ball Full Port Trunnion	P5 = Gate Parallel Side Pressure Seal	400 = ANSI 400	CB = A352-LCB (Cast Low Temperature Carbon Steel)	CB = A352-LCB (Cast Low Temperature Carbon Steel)	04 = 4	S = SW x SW
.06 = 3/8"	F3 = Ball Full Port Top Entry	P1 = Gate Pressure Seal	600 = ANSI 600	CC = A352-LCC (Cast Low Temperature Carbon Steel)	CC = A352-LCC (Cast Low Temperature Carbon Steel)	05 = 5	T = TE x TE
.07 = 7/16"	F4 = Ball Full Port 4-Way	CG = Gate Thru-Conduit	900 = ANSI 900	TN = Titanium (UNS R50400)	TN = Titanium (UNS R50400)	5A = 5a	W = WE x WE
.50 = 1/2"	F6 = Ball Full Port 3-Way 90° Top Entry	WG = Gate Wellhead	1500 = ANSI 1500	DT = Ductile Iron (ASTM A35)	DT = Ductile Iron (ASTM A35)	06 = 6	X = Special
.09 = 9/16"	F7 = Ball Regulart Port 3-Way 90° 3rd FLNG TO 3P	KG = Knife Gate Valve	2500 = ANSI 1500	B0 = A350-LF3/A352-LC3 (Forged/Cast Low Temp. Alloy)	B0 = A350-LF3/A352-LC3 (Forged/Cast Low Temp. Alloy)	07 = 7	L = Hub Ends
.10 = 5/8"	F8 = Ball Full Port Uni-Body	**Globe Valve = L**	4500 = ANSI 4500	B1 = A182-F1/A217 WC1 (Forged & Cast Alloy Steel)	B1 = A182-F1/A217 WC1 (Forged & Cast Alloy Steel)	08 = 8	U = Lugs
.11 = 11/16"	MP = Ball Multi-Port	PA = Angle Globe Pressure Seal Bonnet	**API**	B2 = A182-F11/A217 WC6 (Forged & Cast Alloy Steel)	B2 = A182-F11/A217 WC6 (Forged & Cast Alloy Steel)	8A = 8a	V = Wafer
.75 = 3/4"	BP = Ball Plug	CC = Globe Control Valve	5.0K = API 5000	B3 = A182-F22/A217 WC9 (Forged & Cast Alloy Steel)	B3 = A182-F22/A217 WC9 (Forged & Cast Alloy Steel)	09 = 9	Y = SW x FNPT
.13 = 13/16"	R1 = Ball Reduced Port Floating	P2 = Globe Pressure Seal	7.5K = API 7500	B4 = A182-F5a/A217 C5 (Forged & Cast Alloy Steel)	B4 = A182-F5a/A217 C5 (Forged & Cast Alloy Steel)	10 = 10	**7**
.14 = 7/8"	R2 = Ball Reduced Port Trunnion	G3 = Globe Pressure Seal 3-Way	10K = API 10000	B5 = A182-F9/A217 C12 (Forged & Cast Alloy Steel)	B5 = A182-F9/A217 C12 (Forged & Cast Alloy Steel)	11 = 11	**Operation**
.15 = 15/16"	R3 = Ball Reduced Port Top Entry	Y1 = Globe Y-Pattern	12K = API 12000	B6 = A182-F91/A217 C12A (Forged & Cast Alloy Steel)	B6 = A182-F91/A217 C12A (Forged & Cast Alloy Steel)	1A = 11a	B = Bare Stem
1 = 1"	R4 = Ball Reduced Port 4-Way	Y2 = Globe Y-Pattern Pressure Seal Bonnet	15K = API 15000	J0 = A182-F304 (Cast Stainless Steel)	J0 = A182-F304 (Cast Stainless Steel)	12 = 12	D = Diaphragm
2 = 2"	R5 = Ball Regular Port 2-Piece Trunnion	QC = Quick Close Globe Valve	**WOG (Water, Oil, Gas)**	J1 = A182-F304L (Cast Stainless Steel)	J1 = A182-F304L (Cast Stainless Steel)	2A = 12a	E = Electric
3 = 3"	R6 = Ball Reduced Port 90° Top Entry	**Plug Valve = P**	1.0W = 1000 WOG	J2 = A182-F304H (Cast Stainless Steel)	J2 = A182-F304H (Cast Stainless Steel)	13 = 13	G = Gear
4 = 4"	R7= DBB Full Port	DP = Double Plug Valve	3.0W = 3000 WOG	J3 = A182-F316 (Cast Stainless Steel)	J3 = A182-F316 (Cast Stainless Steel)	14 = 14	H = Handwheel
5 = 5"	R8= DBB Reduced Port	IP = Inverted Plug Valve (Venturi & Top Entry)	3.6W = 3600 WOG	J4 = A182-F316L (Cast Stainless Steel)	J4 = A182-F316L (Cast Stainless Steel)	4A = 14a	J = Hydraulic
6 = 6"	**Check Valve = C**	V3 = Plug 3-Way Venturi	6.0W = 6000 WOG	J5 = A182-F316H (Cast Stainless Steel)	J5 = A182-F316H (Cast Stainless Steel)	15 = 15	K = Gas Hydraulic
7 = 7"	AC = Angle Check Valve	V4 = Plug 4-Way Venturi	8.0W = WOG	J6 = A182-F316 Ti (Cast Stainless Steel)	J6 = A182-F316 Ti (Cast Stainless Steel)	16 = 16	L = Lever
8 = 8"	A1 = Angle Stop Check	P9 = Plug Bi-Directional 3-Way		J7 = A182-F321 (Cast Stainless Steel)	J7 = A182-F321 (Cast Stainless Steel)	17 = 17	P = Pneumatic
9 = 9"	BC = Ball Check Valve	SP = Plug Sleeved		J8 = A182-F321H (Cast Stainless Steel)	J8 = A182-F321H (Cast Stainless Steel)	18 = 18	O = Operator
10 = 10"	EF = Excess Flow Check Valve	TP = Plug Twin Cork		J9 = A182-F347 (Cast Stainless Steel)	J9 = A182-F347 (Cast Stainless Steel)	**API 6A Trim**	Y = Gear w/ Piston Acting
12 = 12"	HL = Horizontal Lift Check	VP = Plug Venturi		JA = A182-F347H (Cast Stainless Steel)	JA = A182-F347H (Cast Stainless Steel)	AA = AA	X = Arranged for Operator
14 =14"	HP = Horizontal Piston Check	**Specialty Valve = S**		JB = A182-F317 (Cast Stainless Steel)	JB = A182-F317 (Cast Stainless Steel)	BB = BB	**8**
16 = 16"	IC = Incline Check Valve	AN = Angle Valve		JC = A182-F317L (Cast Stainless Steel)	JC = A182-F317L (Cast Stainless Steel)	CC = CC	**Special**
18 = 18"	IV = Inverted Vent Check Valve	CB = Ball Control Valve		K0 = A351-CF8 (Forged Stainless Steel)	K0 = A351-CF8 (Forged Stainless Steel)	D1 = DD-NL	A = Standard
20 = 20"	LC = Lift Check	BG = Bellows Sealed Globe Valve		K1 = A351-CF3 (Forged Stainless Steel)	K1 = A351-CF3 (Forged Stainless Steel)	D2 = DD-0,5	B = Standard
22 = 22"	Y3 = Lift Check Y-Pattern	BS = Bucket Type Strainer		K2 = A351-CF10 (Forged Stainless Steel)	K2 = A351-CF10 (Forged Stainless Steel)	E1 = EE-N,L	M = Metal Seat
24 = 24"	NC = Nozzle Check Valve	DV = Diaphragm Valve		K3 = A351-CF8M (Forged Stainless Steel)	K3 = A351-CF8M (Forged Stainless Steel)	E2 = EE-0,5	H = Full Hardface
26 = 26"	PC = Piston Check	FH = Fire Hydrant Valve		K4 = A351-CF3M (Forged Stainless Steel)	K4 = A351-CF3M (Forged Stainless Steel)	E3 = EE-1,5	J = Steam Jacketed Body
28 = 28"	P4 = Piston Check Pressure Seal	FV = Flush Valve		K5 = A351-CF10M (Forged Stainless Steel)	K5 = A351-CF10M (Forged Stainless Steel)	F1 = FF-NL	N = Non-Lubricated Plug
30 = 30"	P7 = Piston Check Y-Pattern Pressure Seal	FO = Foot Valve		K6 = A351-CF8C (Forged Stainless Steel)	K6 = A351-CF8C (Forged Stainless Steel)	F2 = FF-0,5	W = Welded Body
32 = 32"	Y4 = Piston Check Y-Pattern	GV = Gauge Valve		K7 = A351-CG3M (Forged Stainless Steel)	K7 = A351-CG3M (Forged Stainless Steel)	F3 = FF-1,5	U = UOP Type HF Acid
34 = 34"	ST = Stop Check	MV = Mono Valve		K8 = Alloy 20 (A182-F20/A351-CN7M)	K8 = Alloy 20 (A182-F20/A351-CN7M)	HH = HH-NL	P = Phillips Type HF Acid
36 = 36"	S1 = Stop Check Y-Pattern	PN = Pinch Valve		K9 = Duplex 2205 (A182-F51/A351-CD3MN)	K9 = Duplex 2205 (A182-F51/A351-CD3MN)		
38 = 38"	S2 = Stop Check Pressure Seal Bonnet	PR = Pressure Relief Valve		KA = Super Duplex 2507 (A182-F53/A351-CD4MCu)	KA = Super Duplex 2507 (A182-F53/A351-CD4MCu)		
40 = 40"	SC = Swing Check	TD = Tilting Disc		KB = Super Duplex F55 (A182-F55)	KB = Super Duplex F55 (A182-F55)		
42 = 42"	FS = Swing Check Full Port	P6 = Tilting Disc Pressure Seal		KC = Super Austenitic 6Mo (A182-F44/A351-CK3MCuN)	KC = Super Austenitic 6Mo (A182-F44/A351-CK3MCuN)		
44 = 44"	NS = Swing Check Non-Slam	SD=Screw Down Non Return Valve		N0 = Nickel (UNA N02200)	N0 = Nickel (UNA N02200)		
46 = 46"	P3 = Swing Check Pressure Seal	**Needle Valve = N**		N1 = Nickel Alloy 904L (UNS N08904)	N1 = Nickel Alloy 904L (UNS N08904)		
48 = 48"	RS = Swing Check Reduce Port	NG = Needle Globe Valve		N2 = Incoloy 800 (UNS N08800)	N2 = Incoloy 800 (UNS N08800)		
50 = 50"	YC = Swing Check Y-Pattern	**Butterfly Valve = Y**		N3 = Incoloy 825 (UNS N08825)	N3 = Incoloy 825 (UNS N08825)		
54 = 54"	TC = Tank Check Valve	TB = Butterfly Valve Triple Offset		N4 = Inconel 600 (UNS N06600)	N4 = Inconel 600 (UNS N06600)		
60 = 60"	VC = Vent Check Valve	**Choke Valve = H**		N5 = Inconel 625 (UNS N06625)	N5 = Inconel 625 (UNS N06625)		
72 = 72"	WC = Wafer Check			N6 = Hastelloy C-276 (UNS N10276)	N6 = Hastelloy C-276 (UNS N10276)		
78 = 78"	DC = Wafer Check Dual Plate			N7 = Monel 400 (UNS N04400)	N7 = Monel 400 (UNS N04400)		
	D2 = Wafer Chedk Dual Plate w/ Body Liner			N8 = Monel 500 (UNS N05500)	N8 = Monel 500 (UNS N05500)		
				A3=A285 Gr B			
				B7= Nickel Aluminum Bronze (B148C95800)			
				NC=EN1982 CC492K			
				A4 = A126B			