



WILLIAMS VALVE

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BALL VALVES

HOW TO ORDER - WILLIAMS FIGURE NUMBERS

A	B	C		D	E			F	G		H		I	
SIZE	BODY MATERIAL PREFIX	CLASS AND VALVE TYPE		ENDS	BODY MATERIAL			BALL / STEM MATERIAL	SEAT MATERIAL		SEAL MATERIAL		OPTIONS	
	U Cast Unibody Floater	16	CL150 Reduced Port Ball	F RF Flanged		CAST	FORGED	1 A105N+ENP / F6a CL. 2	RT Reinforced Teflon	1	Viton GLT AED	none	Lever	
	W Cast (2pc Floater)	17	CL150 Full Port Ball	W Butt Weld	none	A216 WCB	A105N	2 LF2+ENP / LF2+ENP	T Virgin Teflon	2	Viton A	BS	Bare Stem	
	D Cast (3pc Floater)	36	CL300 Reduced Port Ball	R Ring Joint	2	A352 LCC	A350 LF2	3 316SS / 17-4PH	V Viton	3	FEPM	CRY1	Cryogenic (w/o Cryogenic Test)	
	T Cast (2pc Trunnion)	37	CL300 Full Port Ball	S Socket Weld	3	A352 LC3	A350 LF3	4 316SS / F51	D Devlon	4	Viton B	CRY2	Cryogenic (With Cryogenic Test)	
	P Cast (3pc Trunnion)	66	CL600 Reduced Port Ball	T Threaded	4	A351 CF8	A182 304	5 304SS / 304SS	DR Delrin	5	Viton GF	D1	DIB-1	
	X Cast (Fully Welded)	67	CL600 Full Port Ball	P Pup Ends	5	A217 C5	A182 F5	6 316SS / 316SS	N Nylon	6	HNBR	D2	DIB-2	
	E Cast (Top Entry)	86	CL800 Reduced Port Ball	TXS Thd x SW	6	A351 CF8M	A182 316	7 F51 / F51	P Peek	7	FFKM	DTR	Cavity Relief	
	FW Forged (2pc Floater)	87	CL800 Full Port Ball	WF Butt Weld x Flanged	7	A351 CF3	A182 304L	8 F316L / F316L	PV Peek-Viton Delta	8	Lipseal	EB	Extended Bonnet	
	FD Forged (3pc Floater)	96	CL900 Reduced Port Ball		8	A217 C12	A182 F9	9 F304L / F304L	MC Metal Seated-CCC	9	EPDM	EX	Extended Body	
	FT Forged (2pc Trunnion)	97	CL900 Full Port Ball		9	A217 WC9	A182 F22	10 LF2+ENP / F6a CL.2	MT Metal Seated-TCC			GO	Gear Operator	
	FP Forged (3pc Trunnion)	107	WOG 1000 PSI Full Port Ball		10	A351 CF3M	A182 316L	11 B150 / Monel	PC PCTFE			HO	Hydraulic Operator	
	FX Forged (Fully Welded)	156	CL1500 Reduced Port Ball		11	A217 WC6	A182 F11	12 A105N + ENP / 17-4PH				MO	Motor Operated	
	FE Forged (Top Entry)	157	CL1500 Full Port Ball		12	A351 CF8C	A182 347	13 B62 / B62				NN	Non-NACE	
	FU Forged Unibody Floater	206	WOG 2000 PSI Reduced Port Ball		13	A890 1A	A182 F50	14 LF2+ENP / 4140+ENP				OX	Oxy Cleaned	
		207	WOG 2000 PSI Full Port Ball		14	A890 4A	A182 F51	15 A105N+ENP / 4140+ENP				PO	Pneumatic Operator	
		256	CL2500 Reduced Port Ball		15	ASTM B62 BRZ		67 316 + TCC / 316 + TCC				S#	BW Weld Prep Schedule	
		257	CL2500 Full Port Ball		16	A890 5A	A182 F53	68 A182 F6a CL.2 + TCC / F51				TF	Teflon Gasket	
		306	WOG 3000 PSI Reduced Port Ball		17	A351 CG8M	A182 317	69 A182 F6a CL.2 / A182 F6a CL.2						
		307	WOG 3000 PSI Full Port Ball		18	A351 CG3M	A182 317L	71 F60 / F60						
		507	WOG 5000 PSI Full Port Ball											
		607	WOG 6000 PSI Full Port Ball											

NOTES:

- 1) SPECIFY PIPE SCHEDULE WHEN ORDERING VALVES WITH BUTTWELD ENDS.
- 2) CONTACT WILLIAMS VALVE FOR OTHER OPTIONS NOT LISTED ON THE HTO
- 3) STANDARD PRODUCTION IS COMPLIANT TO NACE MR-0175
- 4) CRY1 - COMPLIES WITH MSS SP-134 DESIGN, CRYOGENIC TREATMENT OF PARTS, WITH NO CRYOGENIC PRODUCTION TEST
- 5) CRY2 - COMPLIES WITH MSS SP-134 DESIGN, CRYOGENIC TREATMENT OF PARTS, WITH CRYOGENIC PRODUCTION TEST

BALL VALVE EXAMPLE:

10" 150 RF A350LF2 Body Full Port Trunnion Ball Valve, LF2 + Enp Ball & Stem, RT Seats, DIB-1 with Gear Operator- 10" FP17F22RT1-D1-GO

A	B	C	D	E	F	G	H	I
10"	FP	17	F	2	2	RT	1	D1-GO