

MICROFINISH VALVE CODE BUILDING CHART

STANDARD ASME B16.34 and API 6D FLOATING BALL VALVES

2"	C	84	F2	-	3	3	1	3	0	A	R	L	N
Size	Mod	Class	Port Size Construction	-	Body Mat'l	Ball Mat'l	Seat	Stem Material	Stem Seal	Specifications	End Connection	Operator	Special Options
1/2" thru 10"	BLANK= SOFT SEAT	81= 600# (BWE)	R1= REDUCED PORT ONE PIECE*	-	0= CN7M	0= CN7M	0= PTFE	0= 410SS	0= PTFE CUP & CONE*	F= API 607 FIRESAFE	K= BUTTWELD	B= BARE STEM	1= NONE
	A= FINNED BONNET	81= 800# (SWE, NPT) *	R2= REDUCED PORT TWO PIECE*	-	1= WCB* or A105*	1= WCB+ENP	1= TFM*	1= 31803 (Duplex 2205)	1= GRAFOIL RINGS	O= API 6FA FIRESAFE (Metal Seated Valves)	M= NPT X SWE	E= ELECTRIC ACTUATOR	A= 4" PUPS for WE
	C = CRYOGENIC BS 6364	84= 150# *	R3= REDUCED PORT THREE PIECE	-	2= CF8	2= 304SS	2= RPTFE	2= 32750 (Duplex 2507)	2= GRAFOIL CUP & CONE*	Q= NACE + API 607 FS*	N= NPT	G= GEAR	C= SPECIAL CLEANING
	E=STEM EXTENSION	85= 300# *	F2= FULL PORT TWO PIECE*	-	3= CF8M*	3= CF8M*	3= DEVLON	3= 316SS*	X= OTHER	U= NACE+API 6FA FS (Metal Seated Valves)	R= RAISED FACE FLANGE	I= PNEUMATIC ACTUATOR	D= BONNET EXTENSION (4" OR 10" STD.)
	M= METAL SEATED	87= 600# *	F3= FULL PORT THREE PIECE*	-	4= LCB	4= CF8M+ENP	4= PEEK	4= 17-4PH		V= NACE, NON-FIRESAFE*	S= SOCKETWELD	L= LOCKING LEVER	H= SPECIAL TESTING
	AM= FINNED BONNET with METAL SEAT	89= 900#		-	5= CD4MCu	5= CD4MCu	5= Nylon	5= XM-19		Y= NON-FIRESAFE	T= RTJ	X= OTHER	J= FULL JACKET
	CM= CRYOGENIC with METAL SEAT	90= 1500#		-	6= CD3MN	6= CD3MN	6= PCTFE	X= OTHER		X= OTHER	X= OTHER		P= PARTIAL JACKET
		91= 2500#		-	7= LCC	7= CF8M+STELLITE	7= CF8M+STELLITE						Z= ZERO CAVITY
				-	8= LF2	8= CF8M+TUNGSTEN CARBIDE	8= CF8M+TUNGSTEN CARBIDE						X= OTHER
				-	9= F316	9= CD3MN+TUNGSTEN CARBIDE	9= CD3MN+TUNGSTEN CARBIDE						
				-	X= OTHER	X= OTHER	X= OTHER						
				-									

*** Normally Stocked Materials**

EXAMPLES:	2"85R2-13130VRL1	2" 300# Reduced Port, Two Piece Floating Ball Valve, with A105 Body, CF8M Ball, TFM Seat, 316SS Stem, PTFE Cup & Cone Packing, NACE Non- Firesafe, Raised Face Flange, Lever Operated.
	3"M87F2-37740UTLD	3" 600# Full Port, Metal Seated Two Piece Floating Ball Valve, with CF8M Body, CF8M+ Stellite Ball, CF8M + Stellite Seat, 17-4PH Stem, PTFE Cup & Cone Packing, NACE + API 6FA FS, RTJ Ring Joint Flange, Locking Lever Operated, Bonnet Extension

NOTES:	1. 800# 3 Piece Valves Available in 1/2" through 2" Sizes in soft and metal seats.
	2. 150# and 300# Flanged Valves Available in 1/2" through 10" Sizes in soft, metal seats and Cryogenic service.
	3. 600# Flanged Valves Available in 1/2" through 4" Sizes in soft, metal seats and Cryogenic service.
	4. 900# Flanged Valves Available in 1/2" through 3" Sizes in soft and metal seats. Cryogenic service not available.
	5. 1500# Flanged Valves Available in 1/2" through 2" Sizes in soft and metal seats. Cryogenic service not available.
	6. 2500# Flanged Valves Available in 1/2" through 1" Sizes in soft and metal seats. Cryogenic service not available.
	7. 3-Way Flanged Valves Available in 1/2" through 10" Sizes, 150# and 300#, in soft and metal seats. Cryogenic service not available.
	8. Jacketed Flanged Valves Available in 1/2" through 10" Sizes, in 150# and 300#, in soft and metal seats. Cryogenic service not available.