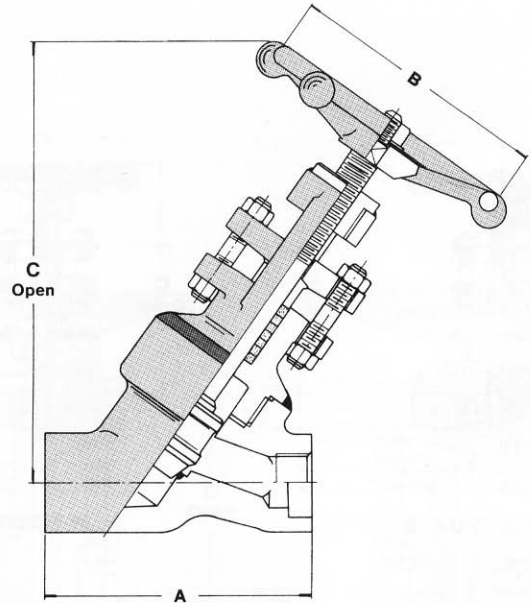


CRANE

**Y-PATTERN
GLOBE VALVES
API Class 800
ANSI Class 1500
ANSI Class 2500
1/4" to 2"**

Welded Bonnet

**Class 800—1975psi @ -20 to 100F
Class 1500—3705psi @ -20 to 100F
Class 2500—6170psi @ -20 to 100F
ASTM A105**



YFW-3944U-T
YFW-3944U-W

Weights and Dimensions

CLASS 800																
FULL	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
A	90	3.54	90	3.54	90	3.54	90	3.54	110	4.33	127	5.00	155	6.10	180	7.08
B	70	2.75	70	2.75	70	2.75	80	3.14	110	4.33	110	4.33	130	5.11	160	6.30
C	165	6.50	165	6.50	165	6.50	175	6.90	215	8.46	240	9.45	280	11.0	315	12.4
Port	7	0.28	9	0.35	13	0.51	17.5	0.69	22.5	0.89	29.5	1.16	35	1.38	45.5	1.79
Kg-Lb	1.5	3.3	1.4	3.1	1.3	2.8	1.5	3.3	2.4	5.2	3.6	7.9	4.8	10.5	8.5	18.7

CLASS 1500																
FULL	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
A	90	3.54	90	3.54	90	3.54	110	4.33	127	5.00	155	6.10	155	6.10	180	7.08
B	70	2.75	70	2.75	80	3.14	110	4.33	110	4.33	130	5.11	250	9.84	250	9.84
C	170	6.69	170	6.69	170	6.69	210	8.26	230	9.05	290	11.4	340	13.4	370	14.6
Port	7	0.28	9	0.35	11	0.43	15	0.59	19.5	0.77	27.5	1.08	31.5	1.24	39	1.53
Kg-Lb	2.1	4.6	2.0	4.4	2.0	4.4	3.1	6.8	4.6	10.1	5.8	12.7	7.1	15.6	13.3	29.3

CLASS 2500																
FULL	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
A	110	4.33	110	4.33	110	4.33	127	5.00	127	5.00	155	6.10	180	7.08	210	8.26
B	130	5.11	130	5.11	130	5.11	130	5.11	250	9.84	250	9.84	350	13.8	350	13.8
C	225	8.85	225	8.85	225	8.85	246	9.68	280	11.0	306	12.0	390	15.3	420	16.5
Port	7	0.28	9	0.35	11	0.43	15	0.59	19.5	0.77	27.5	1.08	31.5	1.24	39	1.53
Kg-Lb	4.8	10.5	4.6	10.1	4.5	9.9	7.1	15.6	7.6	16.7	9.8	21.5	14.5	31.9	22.8	50.2

Y-PATTERN GLOBE VALVES—FULL PORT

WELDED BONNET

Class 800 Threaded	Class 1500 Threaded	Class 2500 Threaded
YFW-3644U-T	YFW-3844U-T	YFW-3944U-T
Class 800 Socket Weld	Class 1500 Socket Weld	Class 2500 Socket Weld
YFW-3644U-W	YFW-3844U-W	YFW-3944U-W

MATERIALS

Valves are regularly furnished in ASTM A105 carbon steel. They can be manufactured in LF-1, LF-2 and LF-3 carbon steels for low temperature applications. Alloy steels available include: F1, F5, F9, F11, F12, F22, Monel, Inconel, and Incoloy 825. Austenitic steels used in manufacture are: F304, F304L, F304H, F316, F316L, F316H, F316TI, F321, and F347. Other trim materials are available.