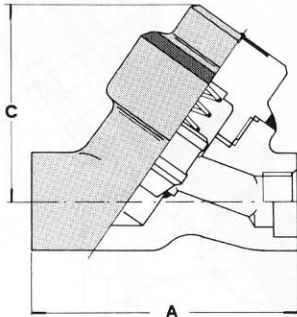


CRANE

**Y-PATTERN LIFT
CHECK VALVES
API Class 800
ANSI Class 1500
ANSI Class 2500**

1/4" to 2"

Welded Cap



**YFW-3874U-T
YFW-3874U-W**

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

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
C	65	2.55	65	2.55	65	2.55	65	2.55	80	3.14	95	3.74	115	4.52	135	5.31
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	1.2	2.6	1.1	2.4	1.0	2.2	0.9	2.0	1.6	3.5	3.1	6.8	5.1	11.3	8.3	18.2

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
C	70	2.75	70	2.75	70	2.75	85	3.34	100	3.93	120	4.72	120	4.72	140	5.51
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	1.4	3.08	1.3	2.8	1.2	2.6	1.9	4.1	3.8	8.3	6.3	13.8	6.2	13.6	9.1	20.0

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
C	90	3.54	90	3.54	90	3.54	105	4.13	127	5.00	146	5.74	160	6.29	177	6.96
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	2.4	5.2	2.3	5.0	2.2	4.8	4.1	9.0	7.4	16.3	10.1	22.2	15.6	34.3	15.5	34.1

Y-PATTERN LIFT CHECK VALVES—FULL PORT

WELDED CAP

Class 800 Threaded	Class 1500 Threaded	Class 2500 Threaded
YFW-3674U-T	YFW-3874U-T	YFW-3974U-T
Class 800 Socket Weld	Class 1500 Socket Weld	Class 2500 Socket Weld
YFW-3674U-W	YFW-3874U-W	YFW-3974U-W

MATERIALS

Valves are regularly furnished in ASTM A105 carbon steel. Low temperature steels available are LF-1, LF-2, and LF-3. Alloy steels include F1, F5, F9, F11, F12, F22, Monel, Inconel, and Incoloy 825. The stainless steels available are: F304, F304H, F316, F316L, F316H, F316TI, F321, and F347. A wide selection of trims are available on special order.