

CRANE

Y-PATTERN STOP CHECK GLOBE VALVES

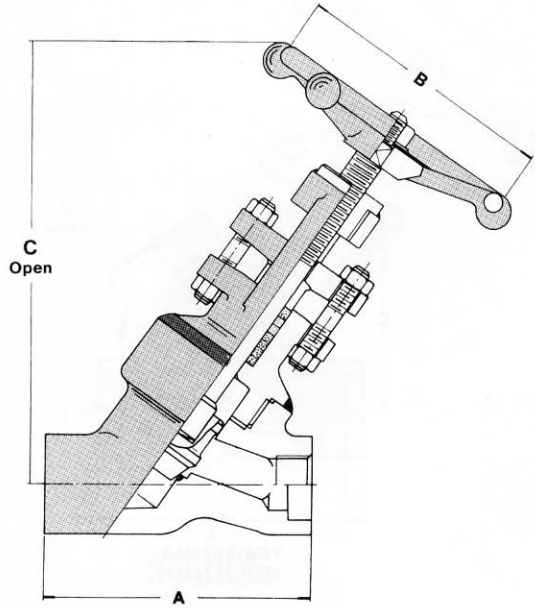
API Class 800
ANSI Class 1500
ANSI Class 2500

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-3979U-T
YFW-3979U-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 |

FULL PORT

WELDED BONNET

| Class 800 Threaded | Class 800 Socket Weld | Class 1500 Threaded | Class 1500 Socket Weld |
|--------------------|-----------------------|---------------------|------------------------|
| YFW-3679U-T | YFW-3679U-W | YFW-3879U-T | YFW-3879U-W |

FULL PORT

WELDED BONNET

| Class 2500 Threaded | Class 2500 Socket Weld |
|---------------------|------------------------|
| YFW-3979U-T | YFW-3979U-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.