

Model 425 Quick Opening Blow-Off Valve

**Class 300 * ANSI B 16.34 * 600 psi Working Steam Pressure @ 500 F
740 psi @ 100 F * 100% Pressure Tested * Threaded Ends * Epoxy Coated (E-Coat) Max Pressure for Boiler Blow Off 480 PSI**

CRN OCO7135.2, 24, 25, 26

CRN OEO2171.7, 79, 70, 78, 7AY, 7T, 7N

The United Brass quick opening boiler blow off valve has been designed for the rugged service of boiler treatment and scale. The cast steel knife gate valve conforms to Class 300 of ANSI B16.34 and features a stainless steel seat and disc hardened to Rockwell 60. ASME Boiler and Pressure Vessel Code Section 1 PG-42.1.12 and Power Piping Code ASME B 31.1 Table 126.1 reference steel valves to ANSI B 16.34. The sliding disc provides a “cleaning” action that keeps the seating area clear of scale and debris.

| DESCRIPTION | MATERIAL |
|----------------------|-----------------------|
| Body | Steel A216 WCC |
| Cover | Steel A216 WCC |
| Gasket | Tanged Graphite |
| Disc Spring | 17-7 Stainless Steel |
| Disc Rivet | Carbon Steel |
| Disc | 440C Stainless Steel |
| Arm | Steel A216 WCC |
| Stem | 410 Stainless Steel |
| Stem Rivet | Carbon Steel |
| Stem Spring | 17-7 Stainless Steel |
| Packing | Graphite |
| Packing Nut | 410 Stainless Steel |
| Handle (1" & 1 1/4") | Ductile Iron 65-45-12 |
| Handle (1 1/2" & 2") | Steel A216 WCC |
| Cotter Pin | Plated Steel |
| Body Bolts | Steel Grade 8 |
| Hex Nuts | Steel Grade 8 |
| Name Plate | Stainless Steel |
| Drive Screws | Stainless Steel |

| Size | 1 | 1 1/4" | 1 1/2" | 2" |
|--------------|-------|--------|--------|-------|
| A | 5.32 | 5.32 | 8.20 | 10.50 |
| B | 5.32 | 5.32 | 8.20 | 10.50 |
| C | 10.00 | 10.00 | 12.50 | 18.00 |
| D | 60° | 60° | 60° | 60° |
| Face to Face | 3.80 | 3.80 | 4.50 | 4.80 |
| Weight | 14.0 | 14.0 | 36.0 | 46.0 |

