

UNITED BRASS WORKS, INC.

714 S. Main St., Randleman, NC 27317 Tel: 800-334-3035 Fax: 800-498-4696 www.ubw.com



Model 425 Quick Opening Blow-Off Valve

Class 300 * ANSI B 16.34 * 665 psi Working Steam Pressure @ 500 F 750 psi @ 100 F * 100% Pressure Tested * Threaded Ends * Epoxy Coated (E-Coat) Max Pressure for Boiler Blow Off 530 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"
А	5.32	5.32	8.20	10.50
В	5.32	5.32	8.20	10.50
С	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

