

KUBRICKY CONSTRUCTION CORP.  
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Rutland City BRF 3000 (2014036)  
SUBMITTAL 46

Issued 04/09/15  
Respond by 04/16/15

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To  
**Timothy Pockette, PE**

Topic 629.26 Gate Valve (6")  
Status For Approval  
Spec section 629.26  
Responsibility (16) River Street  
Received from submitter 4/9/15  
Sent to approver 4/9/15  
Required from approver 4/16/15

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From  
**Volker H.D. Burkowski**

Signed by Volker Burkowski Date 4/9/15

Proceed as Indicated \_\_\_\_\_ Date \_\_\_\_\_  
Owner Authorized Representative

**SPECIFICATIONS / AVAILABLE CONFIGURATIONS & STYLE NUMBERS**  
**KENNEDY AWWA C515 RESILIENT WEDGE GATE VALVES (2000)**

Size Range	Water Working Pressure psi	Bubble Tight Seat Test psi	Hydrostatic Shell Test psi
AWWA 4" – 12"	250 Water Works	250 & 400	500
ULFM 4" – 12"	200 Fire Protection	250 & 400	500

Available End Connections	Size Range	Style No. With 2" Nut	Style No. With Hand wheel	Style No. With Post Plate
Mechanical Joint (NRS)	2"-12"(no 2 ½")	7571	7571-HW	(3"-12") 7571-P
Flanged Ends (NRS)	2"-12"	7561	7561-HW	(3"-12") 7561-P
Note: 7561A is Tapped & Plugged in "A" Position 2" – 4" = ½ " Tap 6" – 12" = ¾" Tap				
Flanged End X Mechanical Joint (NRS)	3"-12"	7572	7572-HW	7572-P
Push-on (For PVC / SDR)	2"-8"	7597	7597-HW	(3"-8") 7597-P
Threaded (NRS)	2"-3"	7057	7057-HW	(3" only) 7057-P
Push-on (For D.I. / C900) (NRS)	4"-12"	7901	7901-HW	7901-P
Push-on X Flange (For D.I. / C900)(NRS)	4"-12"	7902	7902-HW	7902-P
Flanged Ends (OS&Y)	2½"-12"	7068	N/A	N/A
Note: 7068A is Tapped & Plugged in "A" Position 2" – 4" = ½ " Tap 6" – 12" = ¾" Tap				
Tapping Valve (NRS)	4"-12"	7950	7950-HW	7950-P
Note: Each size accommodates a full size diameter tapping cutter.				
M.J. Cutting-in Valve (NRS)	4"-12"	7576	7576-HW	7576-P

Note: 3" and below manufactured to c509 spec, but made of ductile iron.

**VALVE ACCESSORIES**

Mechanical operational accessories are used for valves having special operational needs such as;

1. Location with limited access
2. Hazardous locations
3. Revision of operational position
4. High Torque Operation
5. Indication of Valve Position

Accessory selection must be evaluated for its capability to transmit the required torque requirements to the valve. To assure long-term trouble free operation, its materials of construction should take into account factors relating to corrosion and maintenance.

Accessories used on Kennedy valves can include the following:

Electric Motor Operators	Stem Guides
Indicator Posts	Hand wheels
"T" Handles	Extension Stems
Floor Boxes	Chain Wheels
Floor stands (Non-rising stem)	Position Indicators
Miter Box Gearing	Electronic Switches

**July 2005 / C515 Gate Valves**

## FEATURES & BENEFITS / PERFORMANCE INFORMATION

### KENNEDY AWWA C515 RESILIENT WEDGE GATE VALVES (2000)

FEATURES	BENEFIT
Ductile Iron Body, Bonnet, Stuffing Box	• Easier handling
Bubble Tight Closure at 250 psi (AWWA) 4" – 12" at 250 psi (AWWA)	• No Leakage – No loss of water
Dual Rubber Seal	• Assures drop-tight shut-off in either direction.
Smooth, unobstructed waterway to maximize flow.	• High flow characteristics • 100% smooth passage without turbulent flow • No sediment build up • Will not impede travel of line cleaning tools
Only Three Internal Parts	• Virtually maintenance free
Only Two Moving Parts, the gate & the stem	• Less friction, less torque, longer life.
Integral Cast Tongue and Groove between wedge and valve body.	• Positive gate alignment every time
No Seat Rings	• Nothing to be damaged by scoring
Delrin* Anti-Friction Thrust Bearing	• Operating torque to close and open held to absolute minimum
Solid, Bronze Stem Nut and High Strength Bronze Stem	• No corrosion • Trouble free service
Stem Nut is Self Centering	• Eliminates possible stress on stem and wedge
Two O-Ring Seals Above Stem Thrust Collar and One Below	• Two O-Rings can be replaced with valve in service
High Strength Iron Wedge Fully Encapsulated with rubber Permanently Bonded to Metal.	• Trouble free service • No leaks – no wear
No Lubrication Required	• Trouble free service
American Cast and Assembled	• American Jobs • American backed product for more than 100 years • American quality
10 year limited warranty against defective materials or workmanship	• Customer assurance that Kennedy Valve believes in the strong product they produce.
Body / Bonnet Epoxy Coating Inside & Out	• Unprecedented Protection Against Corrosion and abrasion

\* DuPont Trademark

#### **PERFORMANCE INFORMATION**

- 4"- 6" valves sizes have been hydrostatically shell tested at five (5) times UL rated pressure (1000 psi).
- 8", 10", and 12" have been hydrostatically shell tested at four (4) times UL rated pressure (800 psi).
- Valve is bubble-tight at all pressures up to full rated pressure (250 psi).
- Valve is capable of bubble-tight seal at pressures up to (400psi) for short periods of time.
- Valve has been subjected to torques 150 percent of the designated minimum required torques.
- Valve has been cycle tested 5,000 times without loss of bubble-tight seal.
- Rubber to iron bond on wedge is inspected for strength as per ASTM D429 specification

**July 2005 / C515 Gate Valves**

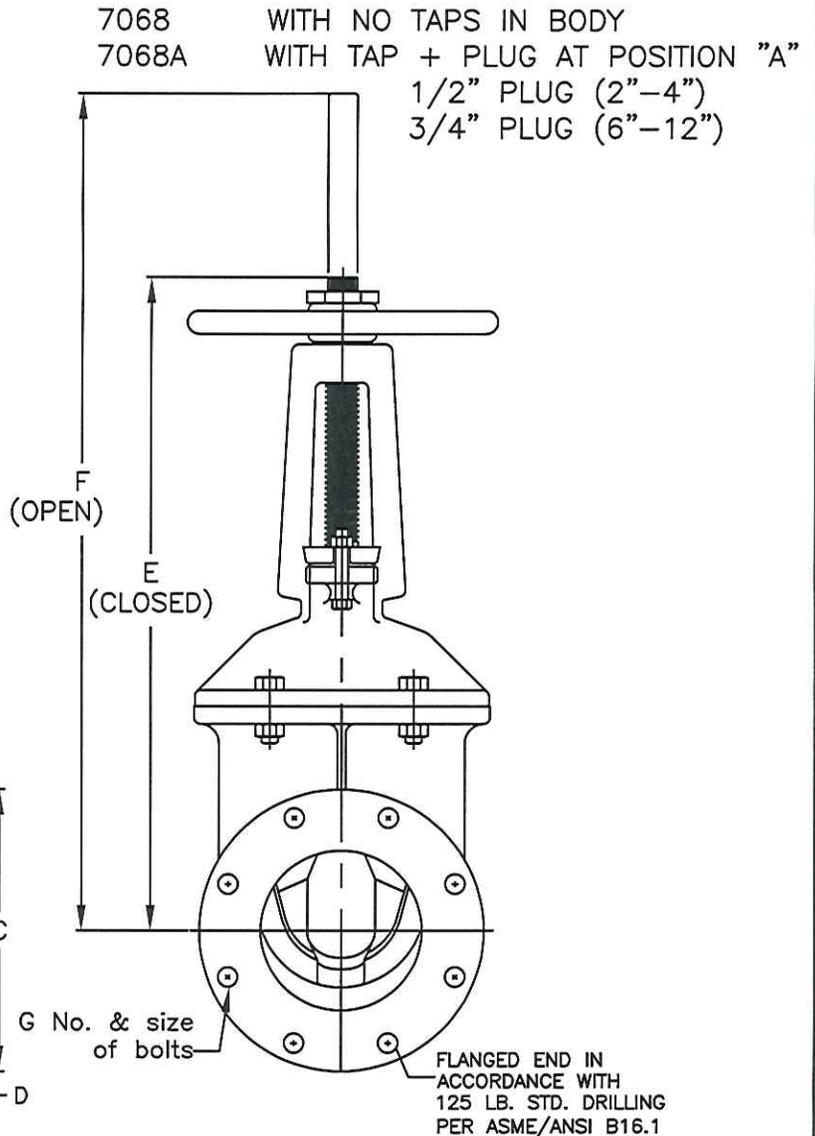
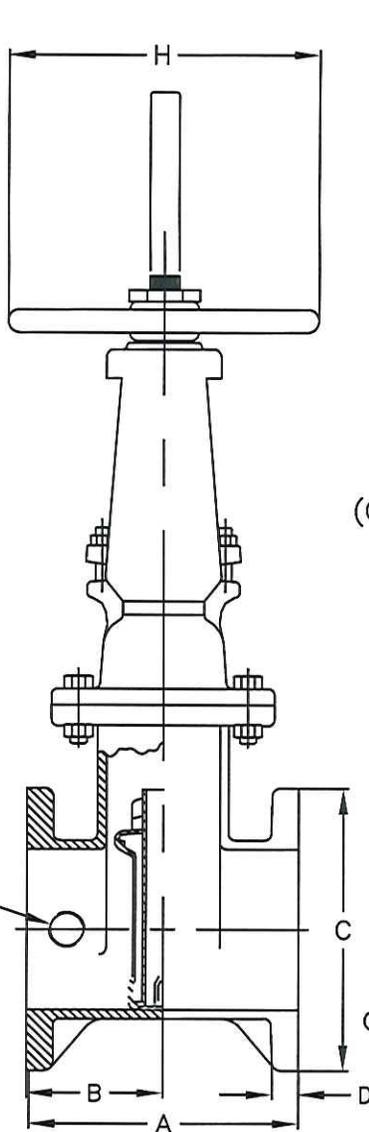


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A.W.W.A Standard C515



VALVE SIZE	A	B	C	D	E	F	G	H	WEIGHT 2" NUT
2	7	3 1/2	6	11/16	12	10	4-5/8	7 1/4	SEE NOTE
2 1/2	7 1/2	3 3/4	7	11/16	13 7/8	16 3/8	4 5/8	7 1/4	52
3	8	4	7 1/2	3/4	15 5/8	18 7/8	4 5/8	10	68
4	9	4 1/2	9	15/16	18 1/4	22 3/4	8 5/8	10	94
6	10 1/2	5 1/4	11	1	23 3/4	30 1/8	8 3/4	12	157
8	11 1/2	5 3/4	13 1/2	1 1/8	29 1/4	37 3/4	8 3/4	14	239
10	13	6 1/2	16	1 3/16	35 3/8	45 3/4	12 7/8	18	320
12	14	7	19	1 1/4	40 5/8	53 1/8	12 7/8	18	425

NOTE: 3" AND BELOW MANUFACTURED TO C509 SPEC, BUT MADE OF DUCTILE IRON  
 NOTE: 2" CONSULT FACTORY FOR AVAILABILITY---AWAITING UL APPROVAL  
 TURNS TO OPEN: 7 3/4(2"), 8(2 1/2"), 10(3"), 13 1/2(4"), 19 1/2(6"), 25 1/2(8"),  
 31 1/2(10"), 37 3/4(12")

KENNEDY VALVE  
 ELMIRA, NEW YORK  
 A DIVISION OF MCWANE INC.



DWN: TRJ  
 DATE: 7/1/05  
 DWG. NO.  
 7068

2" THRU 12"  
 RESILIENT SEAT OS&Y GATE VALVE  
 C515-STYLE 7068  
 FLANGED ENDS