

CLOW CANADA

PROJECT

OWNER

CONTRACTOR

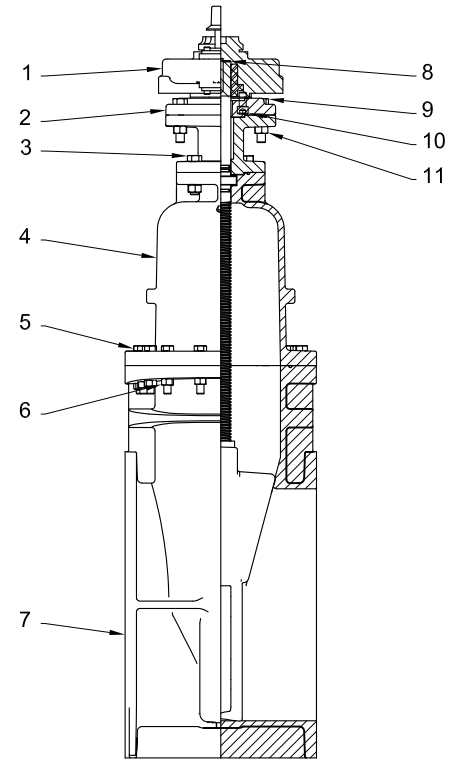
DISTRIBUTOR

CONSULTANT

600mm RW GATE VALVE
with SPUR GEAR or BEVEL GEAR
all styles MATERIAL LIST

CLOW MODEL 2638 - AWWA C515
REDUCED WALL DUCTILE IRON

ITEM No.	DESCRIPTION	MATERIAL	ASTM SPEC
1	Exeeco IB7 3:1 Actuator	As Purchased	AWWA C515
2	Adapter plate	Ductile Iron	ASTM A536 65-45-12
3	Hex head bolt	Stainless Steel	ASTM F593 304
4	Cover	Ductile Iron	ASTM A536 65-45-12
5	Hex head bolt	Stainless Steel	ASTM F593 304
6	Hex nut	Stainless Steel	ASTM F593 304
7	Body (all styles)	Ductile Iron	ASTM A536 65-45-12
8	Washer	Steel	Steel
9	Hex head bolt	Stainless Steel	ASTM F593 304
10	Socket head bolt	Stainless Steel	ASTM F593 304
11	Hex nut	Stainless Steel	ASTM F593 304
12	Hex head bolt	Stainless Steel	ASTM F593 304
13	Drive sleeve	Steel	AISI 1023
14	Actuator gasket	Rubber	D-2000
15	O ring	Rubber	D-2000
16	Extension	Ductile Iron	ASTM A536 65-45-12
17	O ring	Rubber	D-2000
18	Thurst washer	Plastic	Delrin
19	Pipe plug	Stainless steel	AISI 304
20	Track	Stainless steel	AISI 316
21	Roller	Bronze	ASTM B148 C954
22	Pin	Stainless steel	AISI 303
23	Scraper	Bronze	ASTM B148 C954
24	Operating nut	Ductile Iron	ASTM A536 65-45-12
25	Key	Steel	AISI 1018
26	O ring	Rubber	D-2000
27	Stem	Bronze	ASTM B584 C83600
28	O ring	Rubber	D-2000
29	Stem nut	Brass	ASTM B584 C83600
30	Protector	Plastic	Delrin
31	Wedge	Ductile iron / Rubber	ASTM A536 65-45-12 / D-2000
32	Pipe plug	Stainless steel	AISI 304



APPLICATIONS
FIRE WATER
POTTABLE WATER

NOTES:

All valves 18" diameter & larger are equipped with 3:1 gear operators
Spur (vertical installation) or Bevel (horizontal)
All geared valves 14" diameter & larger are available with position indicators by special request.
Geared gate valves are not ULC or FM approved

FIGURE #	AVAILABLE END CONNECTIONS	SIZE
F-6102	FLG End (NRS) (ANSI B16.1 Class 125)	24"
F-6100	M.J. (ANSI A-21.11)	24"
F-6106	FLG x M.J.	24"

TEST DATA

Size Range	Rated Working water pressure PSI	Bubble Tight test PSI	Hydrostatic Shell test PSI
AWWA 24"	250	250	500

CERTIFICATIONS

Electrostatically applied Epoxy coating per **AWWA C550** complies with **NSF 61**
NSF/ANSI 372 COMPLIANT -DRINKING WATER SYSTEMS
COMPONENTS - LEAD CONTENT
80 - 90% RECYLCED CONTENT as defined by **LEED -New Construction and Major Renovation version 2.2**

PHYSICAL PROPERTIES

Temperature range- 32 to 125 degrees Fahrenheit / 0 to 52 degrees Celsius
250 PSI/17.2 bar non - shock cold working pressure
100% full port - smooth waterway no pockets or cavities
Valve has been cycle tested 5,000 times without loss of bubble-tight seal
Valve has been subjected to torques 150 percent of the designated minimum required torques

