

CLOW CANADA

350mm - 400mm R/W NRS GATE VALVE (all styles) MATERIAL LIST

PROJECT

OWNER

CONTRACTOR

DISTRIBUTOR

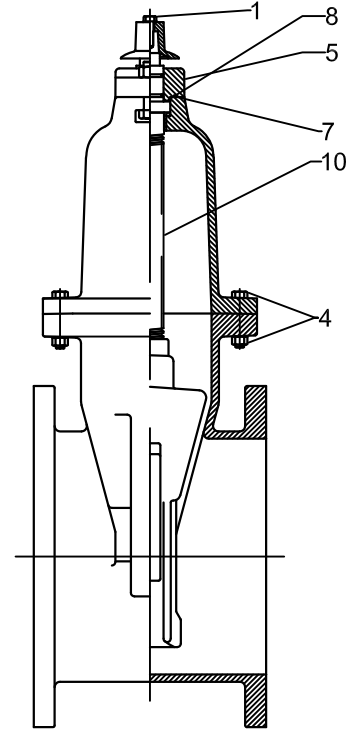
CONSULTANT

MODEL 2638 - AWWA C515 - REDUCED WALL DUCTILE IRON

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304 ST STL
2	FLAT WASHER	STAINLESS STEEL	304 ST STL
3	OPERATING NUT	GRAY IRON	ASTM A126 CL B
4	HEX HEAD BOLTS & NUTS	STAINLESS STEEL	ASTM F593/4 304 ST STL
5	FOLLOWER PLATE	DUCTILE IRON	ASTM A536 65-45-12
6	STEM O RING	RUBBER	ASTM D-2000
7	FOLLOWER PLATE O RING/ GASKET	RUBBER	ASTM D-2000
8	THRUST WASHER BEARING	DELRIN	DELRIN
9	HEX HEAD BOLTS & NUTS	STAINLESS STEEL	ASTM F593/4 304 ST STL
10	STEM	BRONZE	ASTM B584 C83600
12	COVER	DUCTILE IRON	ASTM A536 65-45-12
13	COVER O RING	RUBBER	ASTM D-2000
14	STEM NUT	BRONZE	ASTM B584 C83600
15	WEDGE	12"-16" DUCTILE IRON & BUNA	ASTM A536 65-45-12
16	BODY - ALL TYPES	DUCTILE IRON	ASTM A536 65-45-12



F-6100 M.J. SHOWN



F-6102 FLG SHOWN



APPLICATIONS
FIRE WATER
POTTABLE WATER



FIGURE #	AVAILABLE END CONNECTIONS	SIZE
F-6102	FLG END (NRS) (ANSI B16.1 CLASS 125)	14" - 16"
F-6100	M.J. (ANSI A-21.11)	14" - 16"
F-6106	FLG x M.J.	14" - 16"
F-6112	TYTON for D.I. & C900 PVC (AWWA C111 / A21.11)	14" - 16"

TEST DATA

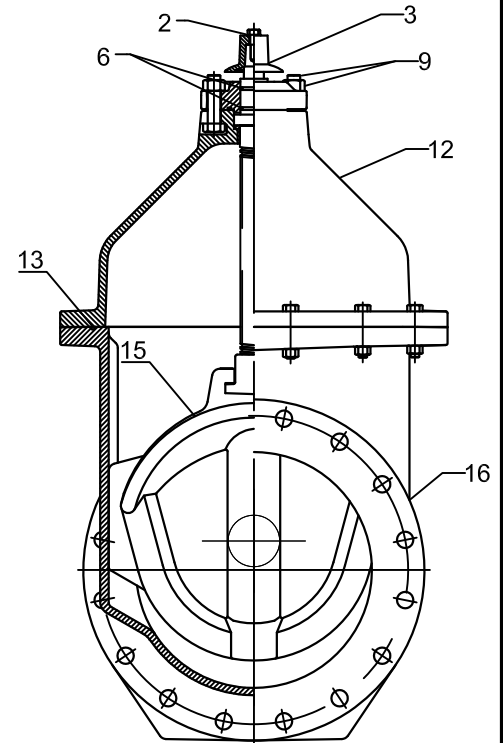
SIZE RANGE	RATED WORKING WATER PRESSURE PSI	BUBBLE TIGHT	HYDROSTATIC SHELL TEST PSI
AWWA 14" - 16"	250	250	500
UL/FM 14" - 16"	200	200	400

CERTIFICATIONS

Complies with the **FM** standard for **FIRE SERVICE CONTROL VALVES**
Complies with Underwriters Laboratory standard UL 262 & UL Canada 312
 Electrostatically applied Epoxy Coating per **AWWA C550** complies with **NSF 61**
 Indicator Post Valves comply with **NFPA 24** standards
NSF/ANSI 372 COMPLIANT - DRINKING WATER SYSTEMS COMPONENTS - LEAD CONTENT
 80% - 90% RECYCLED 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% of the designated minimum required torques
 Can be supplied with 2:1 gear operator for high pressure applications



F-6102 FLG SHOWN