

CLOW CANADA

50mm - 300mm R/W NRS GATE VALVE (all styles) MATERIAL LIST

PROJECT

OWNER

CONTRACTOR

DISTRIBUTOR

CONSULTANT

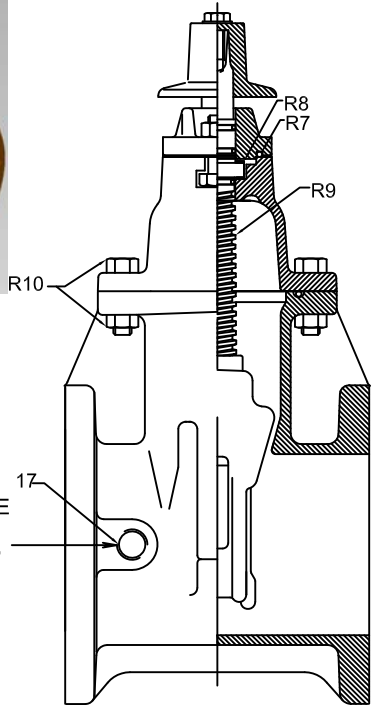
CLOW MODEL 2639 - AWWA C509 - FULL WALL DUCTILE IRON
ASTM A536 65-45-12

CLOW MODEL 2640 - AWWA C509 - FULL WALL CAST IRON
ASTM A126 CLASS B

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
R1	Hold Down Bolt	Stainless Steel	ASTM F 593
R2	Bolt Washer	Stainless Steel	ASTM F 593
R3	Operating Nut or Handwheel	Cast Iron	ASTM A126 CI B
R4	Follower Plate Bolts & Nuts	Stainless Steel	ASTM F 593
R5	Follower Plate	Cast Iron	ASTM A126 CI B
R6	Stem O Ring	Rubber	D2000
R7	Follower Plate O Ring	Rubber	D2000
R8	Thrust Washer	Delrin	Delrin
R9	Stem O/L or O/R	Bronze	ASTM B584 C86700
R10	Cover Bolts & Nuts	Stainless Steel	ASTM F 593
R11	Cover	Cast Iron/Ductile	ASTM 126-B/A536
R12	Stem Nut O/L or O/R	Bronze	ASTM B584 C83600
R13	Wedge	Gray Iron & SBR/Ductile SBR	ASTM A126-B/A536
R14	Cover O Ring	Rubber	D2000
R15	Body - all types	Cast Iron or Ductile Iron	ASTM A126-B/A536
R17	Pipe Plug (Optional Some Styles)	Stainless Steel	ANSI 304



F-6100 M.J. SHOWN



F-6102 FLG SHOWN



APPLICATIONS
FIRE WATER
POTTABLE WATER

FIGURE #	AVAILABLE GATE VALVE END CONNECTIONS	SIZE
F-6100	M.J. (ANSI A-21.11)	2" - 12"
F-6102	FLG END (NRS) (ANSI B16.1 CLASS 125)	2" - 12"
F-6103	THREADED	2", 2 1/2" & 3"
F-6106	FLG x M.J.	3" - 12"
F-6110	PUSH-ON for PVC (SDR) (AWWA C111/A21.11)	2" - 12"
F-6114	M.J. for TAPPING (ANSI A-21.11) x (MSS STANDARD PRACTICE SP-60)	3" - 12"
F-6115	TYTON for TAPPING	4" - 12"
F-6112	TYTON for D.I. & C900 PVC (AWWA C111/A21.11)	3" - 12"
F-6111	M.J. CUTTING-IN 4"-12"	4" - 12"
F-6113	TYTON for D.I. x FLG	4" - 12"

STD. TAP SIZE
1/2" for 3"-4"
3/4" for 6"-12"
OPTIONAL

TEST DATA

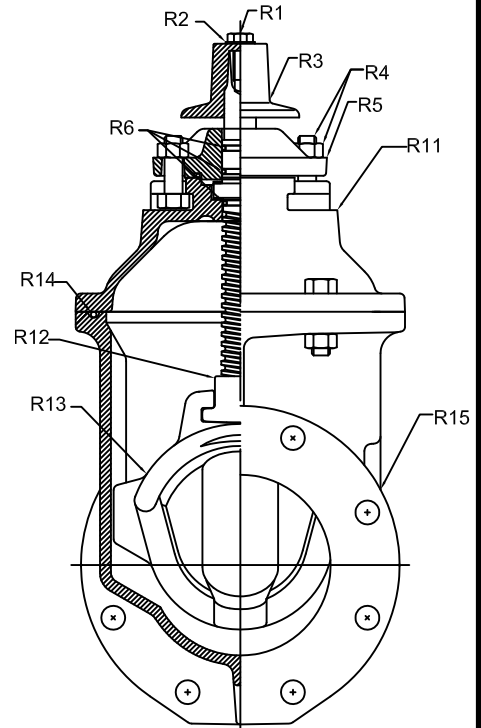
SIZE RANGE	RATED WORKING WATER PRESSURE PSI	BUBBLE TIGHT	HYDROSTATIC SHELL TEST PSI
AWWA 2" - 12"	250	250	500
UL/FM 2 1/2" - 12"	200	200	400

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



F-6102 FLG SHOWN