

SPECIFICATIONS & FEATURES

Kennedy Valve AWWA C515 Resilient Wedge Gate

Valves meet or exceed the requirements of AWWA standard C515, UL-262/FM-1120/1130, ULC - Underwriters' of Canada, and NSF Listed.

Available in either non-rising stem (NRS) or outside screw & yoke (OS&Y). NRS style is available with post plate for adaptation with an indicator post.

	RATED PRESSURE	SEAT TEST PRESSURE	SHELL TEST PRESSURE
AWWA 2" - 48"	250 PSI	250 PSI	500 PSI
ULFM 2-1/2" - 12"	200 PSI	300 PSI	500 PSI
ULFM 14" - 16"	250 PSI	375 PSI	500 PSI
ULFM 18" - 24"	200 PSI	300 PSI	500 PSI

- 1 | 2"-12" C515 RSGV shall conform to the latest version of AWWA Standard C-515 covering Resilient Seated Gate Valves for Water Supply Service.
- 2 | The valves shall have a ductile iron body, and bonnet.
- 3 | The wedge shall be completely encapsulated with EPDM rubber.
- 4 | The sealing rubber shall be permanently bonded to the wedge to meet ASTM tests for rubber metal bond ASTM D249.
- 5 | Valves shall be supplied with O-Ring seals at all joints (no gaskets are used in the valve design).
- 6 | The valves shall be either non-rising or rising stem, opening by turning (left or right) and provided with 2" square operating nut or a handwheel with the "Open" and an arrow cast in the metal to indicate the direction to open.
- 7 | All stems shall operate with bronze stem nuts independent of stem (in NRS valves). NRS stems shall have (2) O-Rings located above thrust collar and (1) O-Ring below. All stem O-Rings shall be replaceable with valve fully opened and subjected to full pressure. The NRS stems shall also have (2) low torque thrust bearings located above and below stem collar to reduce friction during operation.
- 8 | OS&Y (rising stems) shall be of bronze. Pre-grooved stem for supervisory switch.
- 9 | Waterway shall be smooth, unobstructed & free of pockets, cavities, & depressions in the seat area. Valves shall be able to accept a full size tapping cutter.
- 10 | The body, bonnet, and stuffing plate shall be coated with fusion bonded epoxy, both interior and exterior on body and bonnet. Epoxy shall be applied in accordance with AWWA C550 and be NSF61 and NSF372 certified.
- 11 | Each valve shall have a maker's name, pressure rating, and year in which it was manufactured cast in the body. Prior to shipment from the factory, each valve shall be tested by hydrostatic pressure equal to requirements of both AWWA and UL/FM.
- 12 | All internal parts shall be accessible without removing the body from the line.
- 13 | Valves shall have all brass components cast and assembled in the USA and shall be manufactured by Kennedy Valve Company or equal.



KENNEDY VALVE

ORDERING INFORMATION

PH: 800-782-5831
607-734-2211
FAX: 800-952-4771

SALES@KENNEDYVALVE.COM
WWW.KENNEDYVALVE.COM

KENNEDY VALVE

1021 E. WATER ST.
ELMIRA, NY
14902-1516



For Generations

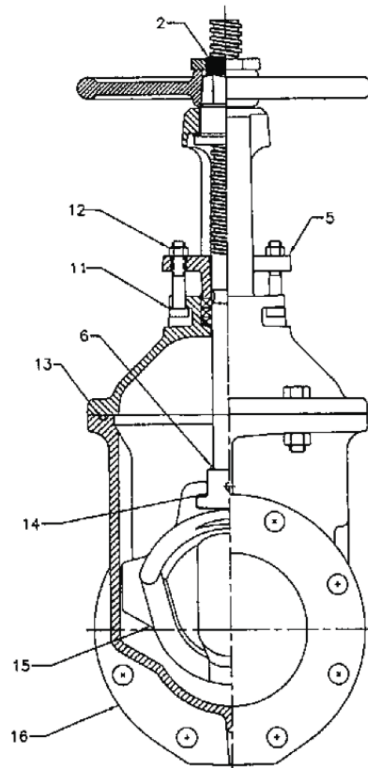
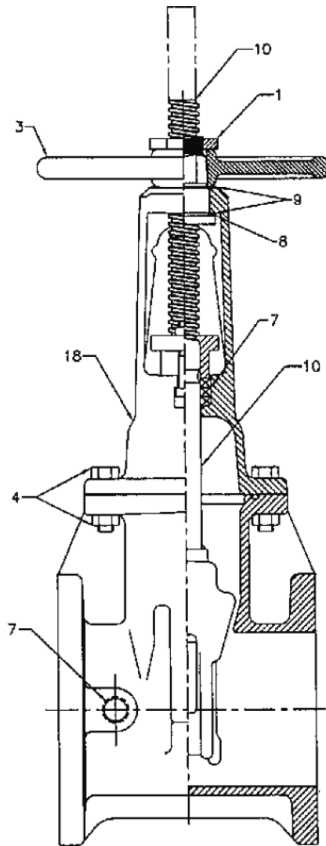


KENNEDY VALVE

2"-12" Resilient Seated Gate Valve KS RW OS&Y C515 Material List



AWWA



ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	Handwheel Nut	Bronze	ASTM B584 C87850 / C87610
2	Top Stem Nut	Bronze	ASTM B584 C86700
3	Handwheel	Ductile Iron	ASTM A536 Grade 65-45-12
4	Hex Head Bolts & Nuts	Zinc Plated Steel	Grade 2 SAE J429
5	Packing Gland	Ductile Iron	ASTM A536 70-50-5
6	Stem O-Ring	Buna N	ASTM D2000
7	Packing	Lubricated Fiber	-----
8	Thrust Washer Bearing	Nylatron	-----
9	Thrust Washer (1 only on 2"-4")	Bronze	ASTM B36 C260
10	Stem	Brass	ASTM B16 C36000
11	Packing Bolts	Zinc Plated Steel	Grade 2 SAE J429
12	Packing Bolt Nuts	Brass	ASTM F467
13	Cover O-Ring	Buna N	ASTM D2000
14	Stem (Pre-Grooved)	Stainless Steel	ASTM A276 Type 304
15	Wedge	D.I. EPDM Coated	ASTM A536 Grade 70-50-5
16	Body - All Types	Ductile Iron	ASTM A596 Grade 70-50-5
17	Pipe Plug (1/2": 2-1/2" - 4", 3/4": 6"-12")	Galvanized Steel	-----
18	Cover	Ductile Iron	ASTM A596 70-50-5



KENNEDY VALVE



LISTED



APPROVED



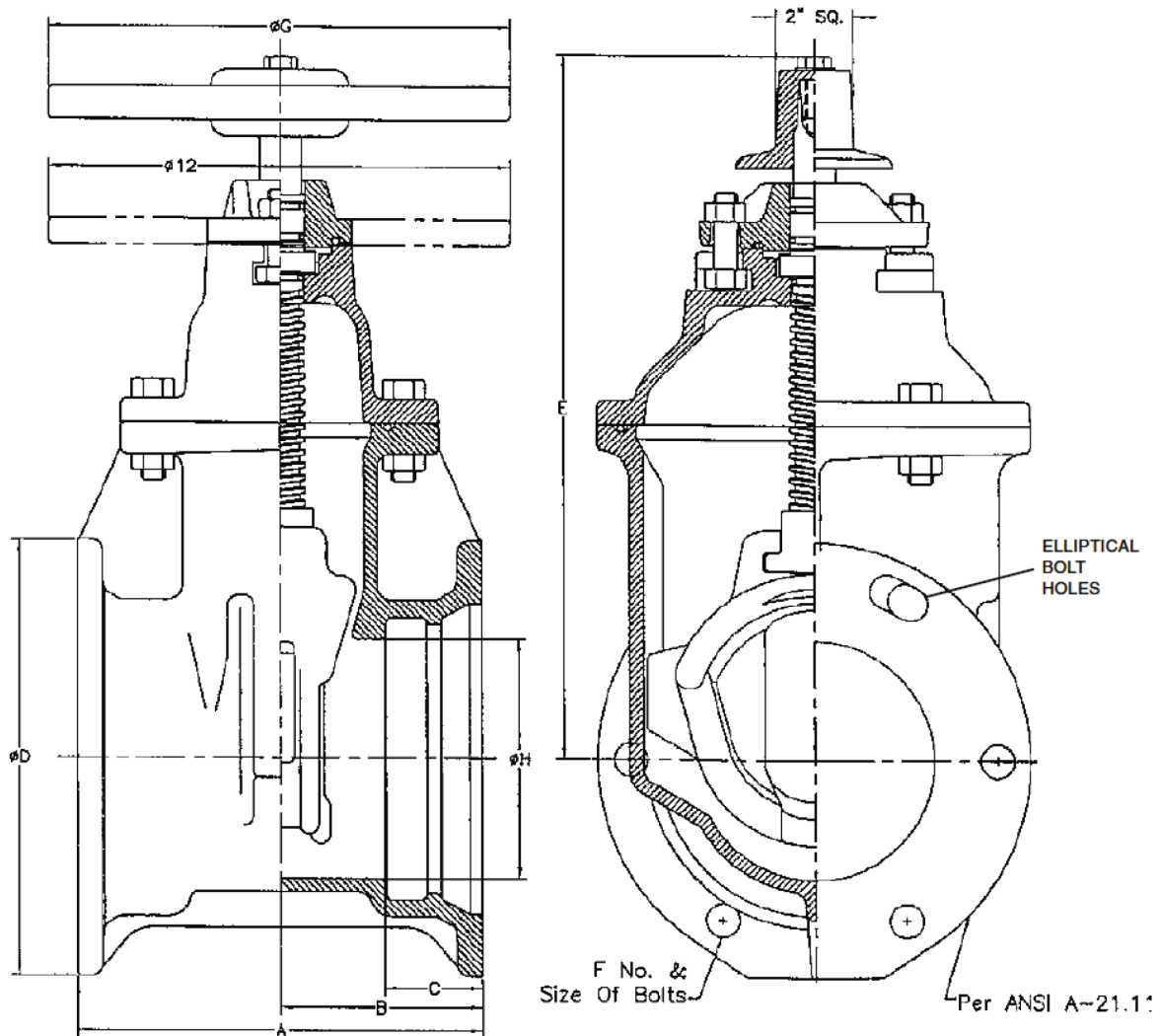
Certified to
ANSI/NSF-61

AWWA

2"-12" Resilient Seated Gate Valve KS RW Non-Rising C515 Mechanical Joint General Dimensions

Fig. 7571SS

Fig. 7071SS (with Post Plate for 3"-12")



VALVE SIZE	A	B	C	D	E	F	G	H
2	8 1/4	4 1/8	2 1/2	4 1/2	10 7/8	2 5/8	7 1/4	2
2 1/2	---	---	---	---	---	---	---	---
3	8 1/2	4 1/4	2 1/2	7 3/4	12 3/8	4 5/8	10	3
4	9 1/2	4 3/4	2 1/2	9 1/8	14 3/4	4 3/4	10	4 1/4
6	10 1/2	5 1/4	2 1/2	11 1/8	19	6 3/4	12	6 1/4
8	13 1/8	6 9/16	2 1/2	13 3/4	22 1/2	6 3/4	14	8 1/4
10	15 1/2	7 3/4	2 1/2	15 3/4	26 1/2	8 3/4	18	10 1/4
12	16	8	2 5/8	18	30	8 3/4	18	12 1/4