

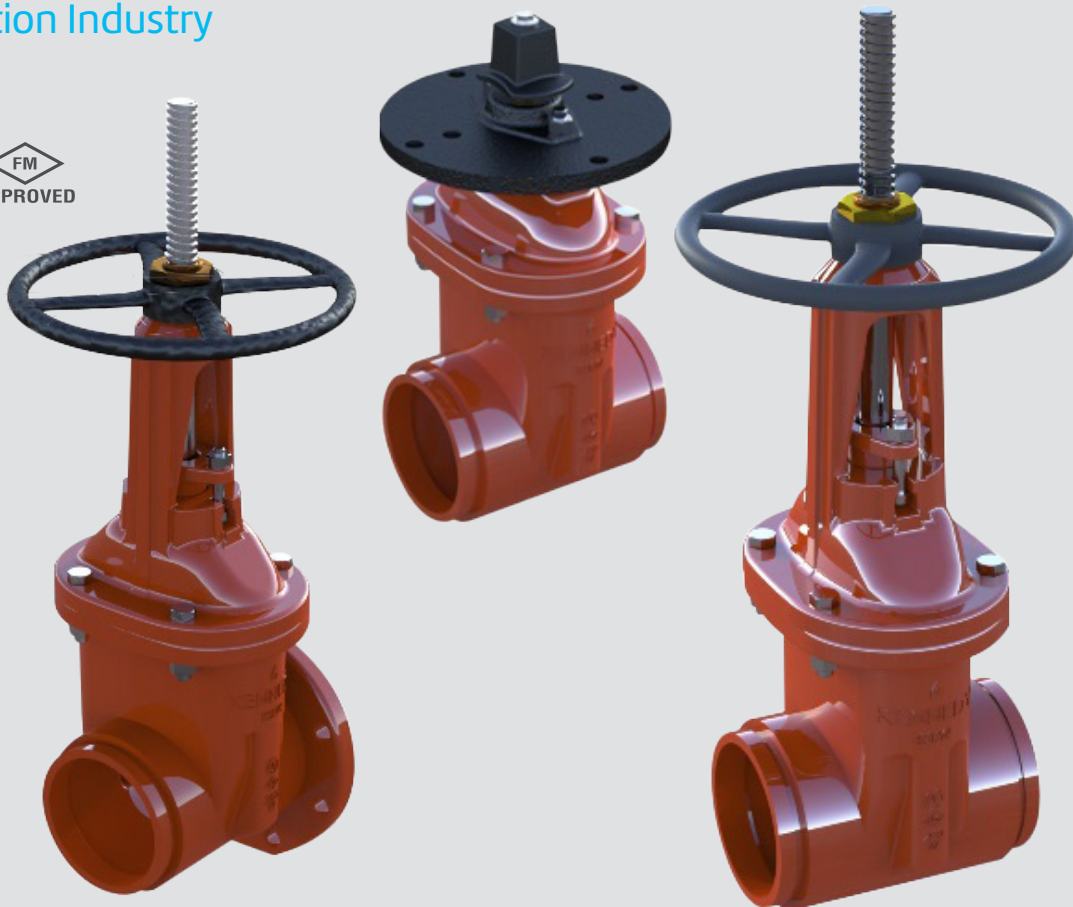
Building connections that last™



Kennedy Valve® Series 5000

UL/FM Resilient Wedge Gate Valve
350 PSI

Designed for the Fire
Protection Industry





KENNEDY VALVE



2 1/2"-12" Resilient Seated Gate Valve

Model KSRW-HP, Figure 5000 (350psi)

Model KSFV-HP, Figure 5000 (350psi)



Non-rising stem (NRS) applications come standard with 304 stainless steel fastener system and all OS&Y applications are manufactured with plated steel fasteners. Other fastener materials are available for most NRS and OS&Y configurations upon request.

All OS&Y valves are manufactured with pre-grooved stems to accommodate tamper switches furnished by others.

Based upon specific configuration, valves can be compliant with AIS, Buy America or Buy American.

4" - 12" valves conform to AWWA C515 cast in ductile iron
2 1/2" - 3" valves conform to AWWA C509 cast in ductile

Notes: *Flanged Ends: ASME Class 125 (standard)*

Grooved Ends: IPS grooves per ANSI/AWWA C606

Stems:

NRS - ASTM B584 Cast Bronze (standard)

OS&Y - ASTM A479 304 stainless steel (standard)

Optional stem materials available upon request

Valve Body Taps:

KSRW valves can be tapped at up to four locations - A, B, E, F.

END CONNECTIONS	STEM TYPE	SIZE RANGE	FIGURE NO.	w/ POST PLATE	Page
Flanged Ends	Non-Rising	2 1/2" - 12"	5561ASS	5701ASS (3"-12")	6
Mechanical Joint	Non-Rising	3" - 12"	5571SS	5071SS	7
Flange x Mechanical Joint	Non-Rising	3" - 12"	5572SS	5702SS	8
Flanged Ends	OS&Y	2 1/2" - 12"	5068A	N/A	9
Groove x Flange Ends	OS&Y	2 1/2" - 8"	5092ABF	N/A	10
Grooved Ends	OS&Y	2 1/2" - 12"	5093ABF*	N/A	11

Other end conditions available upon request

** 10-12" ONLY, UL LISTING PENDING*

SIZE RANGE	RATED WORKING PRESSURE PSI	HYDROSTATIC	
		SEAT TEST PSI	SHELL TEST PSI
AWWA 2"-12"	350	350	700
ULFM 2 1/2"-12"	350	525	700

ACCESSORIES

Indicator Posts

"T" Handles

Stem Guides

2" Sq. Operating Nuts

Floorstands (Non-Rising Stem)

Handwheels

Extension Stems

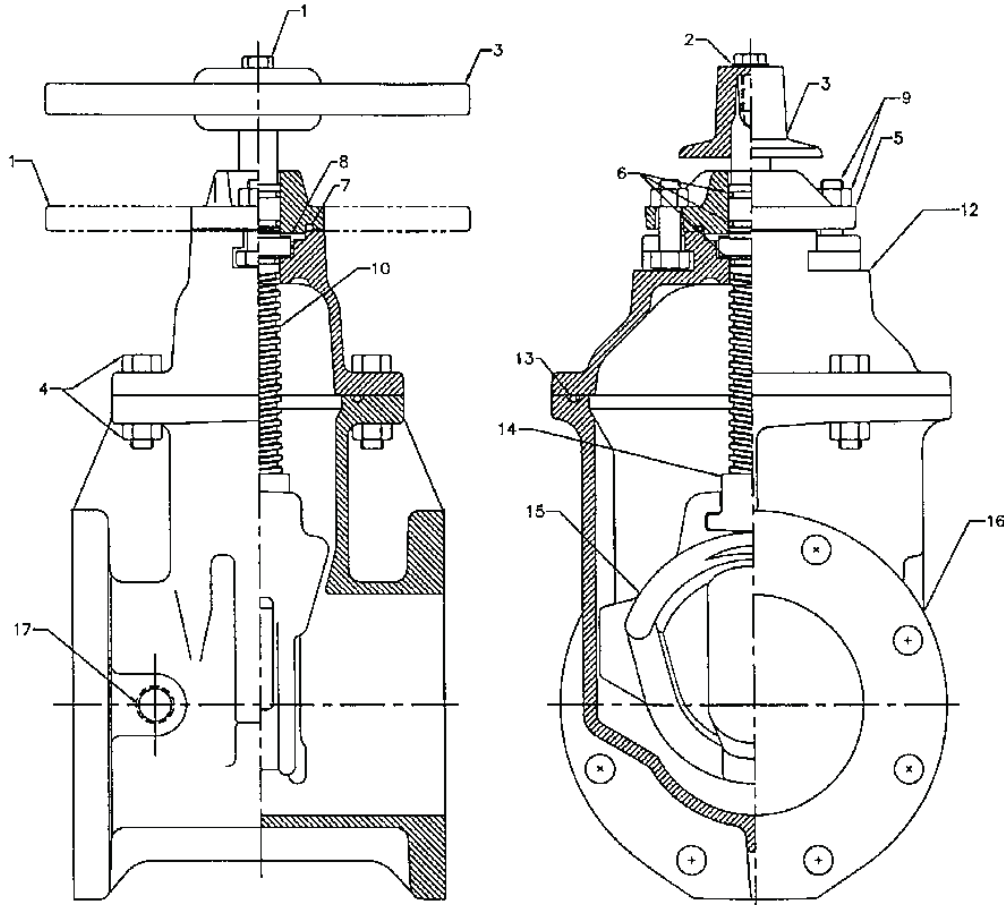
Chain Wheels





KENNEDY VALVE

2 1/2"-12" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) Non-Rising Stem - Material List



ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	Hex Head Bolt	Stainless Steel	ASTM F593C
2	Flat Washer	Stainless Steel	ASTM F593C
3	Operating Nut or Handwheel	Cast Iron	ASTM A126 / A536
4	Hex Head Bolts & Nuts	Stainless Steel	ASTM F593/F594
5	Stuffing Box	2 1/2-12" Ductile Iron	ASTM A536 Grade 70-50-5
6	Stem O-Ring	EPDM	ASTM D2000
7	Stuffing Box O-Ring/gasket	EPDM	ASTM D2000
8	Thrust Washer Bearing	Delrin	-----
9	Hex Head Bolts & Nuts	Stainless Steel	ASTM F593C/F594
10	Stem	Bronze	ASTM B584, C86700
11	Indicator Post Plate (Optional 3-12")	Ductile Iron	ASTM A536 Grade 70-50-5
12	Cover	Ductile Iron	ASTM A536 Grade 70-50-5
13	Cover O-Ring	EPDM	-----
14	Stem Nut	Bronze (NDZ)	ASTM B763, C99500
15	Wedge (EPDM Encapsulated)	Ductile Iron	ASTM A536 Grade 70-50-5
16	Body - all types	Ductile Iron	ASTM A536 Grade 70-50-5
17	Pipe Plug 1/2": 2 1/2"-4"--3/4":6"-12"	Low Carbon Steel	-----

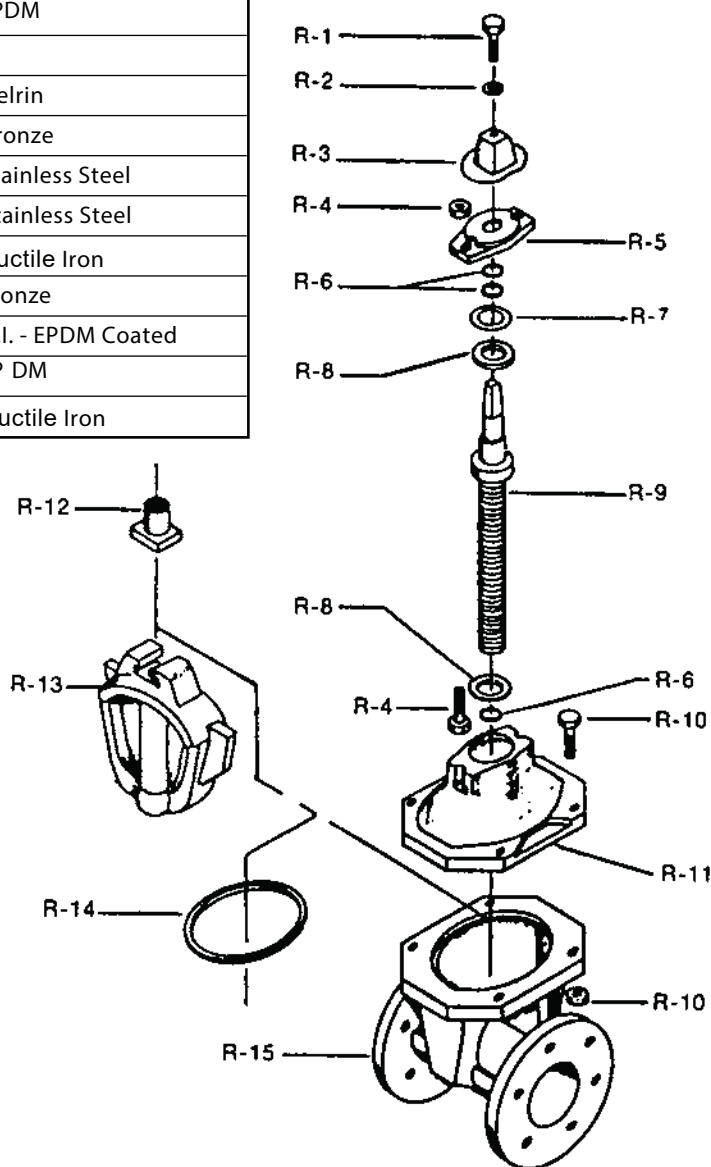


KENNEDY VALVE

2 1/2"-12" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) Non-Rising Stem - *Assembly*



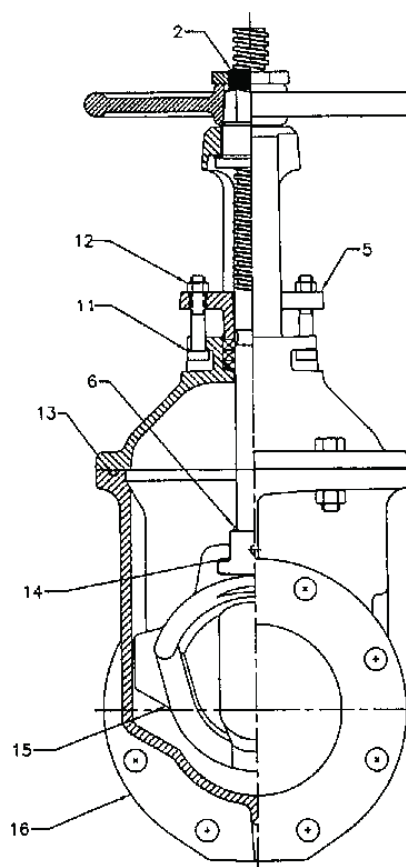
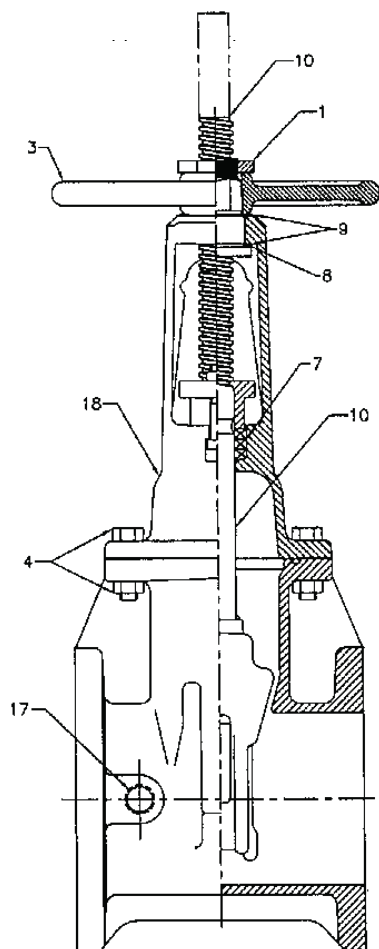
DET.	QTY.	DESCRIPTION	MATERIALS
R-1	1	Hold Down Hex Bolt	Stainless Steel
R-2	1	Hold Down Bolt Washer	Zinc Plated Steel
R-3	1	Sq. Operating Nut OR Handwheel (Not Shown)	Cast Iron
R-4	2	Bolt & Nut (Stuffing Box)	Stainless Steel
R-5	1	Stuffing Box (10" & 12" D.I.)	Ductile Iron
R-6	3	O-Ring (Stem) 1 Below Collar	EPDM
R-7	1	O-Ring (Stuffing Box)	EPDM
R-8	1	Thrust Washer (Sizes 2" - 2 1/2")	
	2	Thrust Washer (Sizes 3" thru 12")	Delrin
R-9	1	Stem	Bronze
R-10	4	Cover Bolts & Nuts (Sizes 2" thru 6")	Stainless Steel
	8	Cover Bolts & Nuts (Sizes 8" thru 12")	Stainless Steel
R-11	1	Cover	Ductile Iron
R-12	1	Stem Nut	Bronze
R-13	1	Wedge Disc	D.I. - EPDM Coated
R-14	1	O-Ring (Cover)	EP DM
R-15	1	Body	Ductile Iron





KENNEDY VALVE

2 1/2"-12" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) OS&Y - Material List



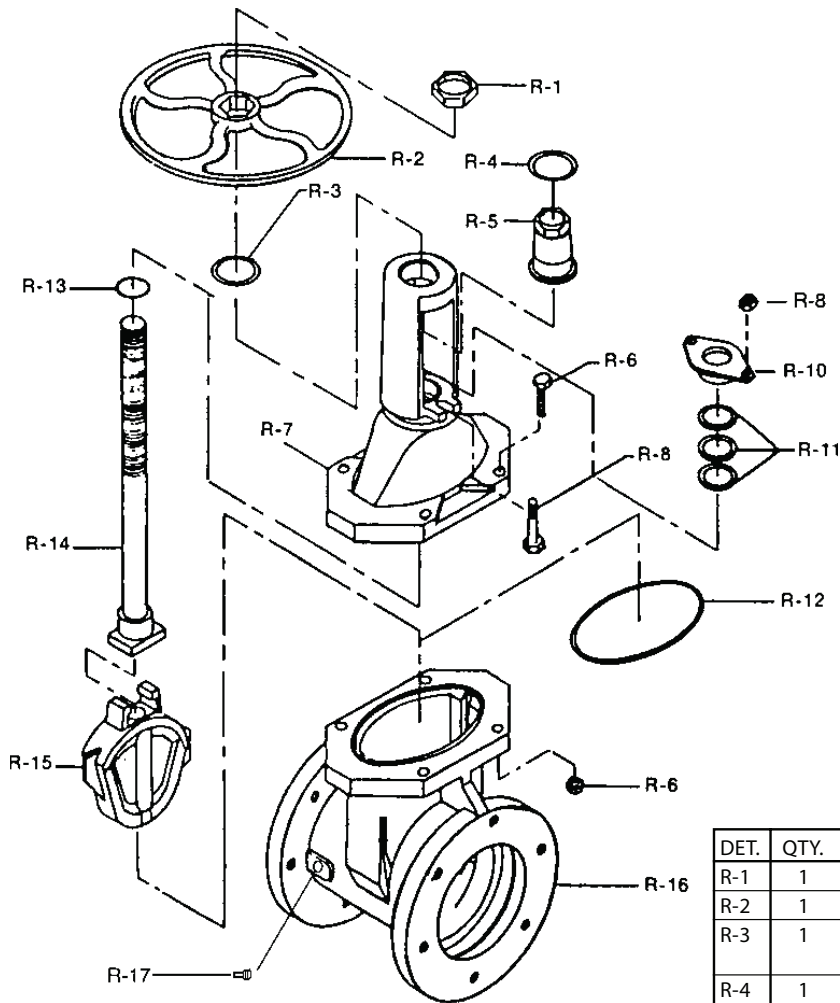
PIPE PLUG STANDARD ON FLANGE & GROOVE VALVES @ POSITION "A"

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 - Pre-Grooved for Tamper Switch	Stainless Steel	ASTM A479 Type 304
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 Head with pin	Stainless Steel	ASTM A276 Type 304
15	Wedge	D.I. EPDM Coated	ASTM A536 70-50-5
16	Body - all types	Ductile Iron	ASTM A536 70-50-5
17	Pipe Plug 1/2": 2 1/2"-4"--3/4"-6"-12"	Low Carbon Steel	-----
18	Cover	Ductile Iron	ASTM A536 70-50-5



KENNEDY VALVE

2 1/2"-12" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) Assembly Explosion - OS&Y



DET.	QTY.	DESCRIPTION	MATERIALS
R-1	1	Handwheel Hold Down Nut	Bronze
R-2	1	Handwheel	Ductile Iron
R-3	1	Upper Thrust Washer (Sizes 3" thru 12")	Bronze
R-4	1	Lower Thrust Washer	Bronze
R-5	1	Yoke Nut	Bronze
R-6	4	Cover Bolts & Nuts (Sizes 2-1/2" thru 6")	Zinc Plated Steel
R-6	8	Cover Bolts & Nuts (Sizes 8" thru 12")	Zinc Plated Steel
R-7	1	Cover	Cast Iron
R-8	2	Packing Bolts	Zinc Plated Steel
R-8	2	Packing Bolt Nuts	Brass
R-10	1	Packing Gland	Ductile Iron
R-11		Packing	Sq. Braided Polymer
R-12	1	O-Ring (Cover)	Buna-N
R-13	1	O-Ring (Stem)	Buna-N
R-14	1	Stem -- pre-grooved	Stainless Steel
R-15	1	Wedge Disc	D.I. - EPDM Coated
R-16	1	Body	Ductile Iron
R-17	1	Pipe Plug	Low Carbon Steel



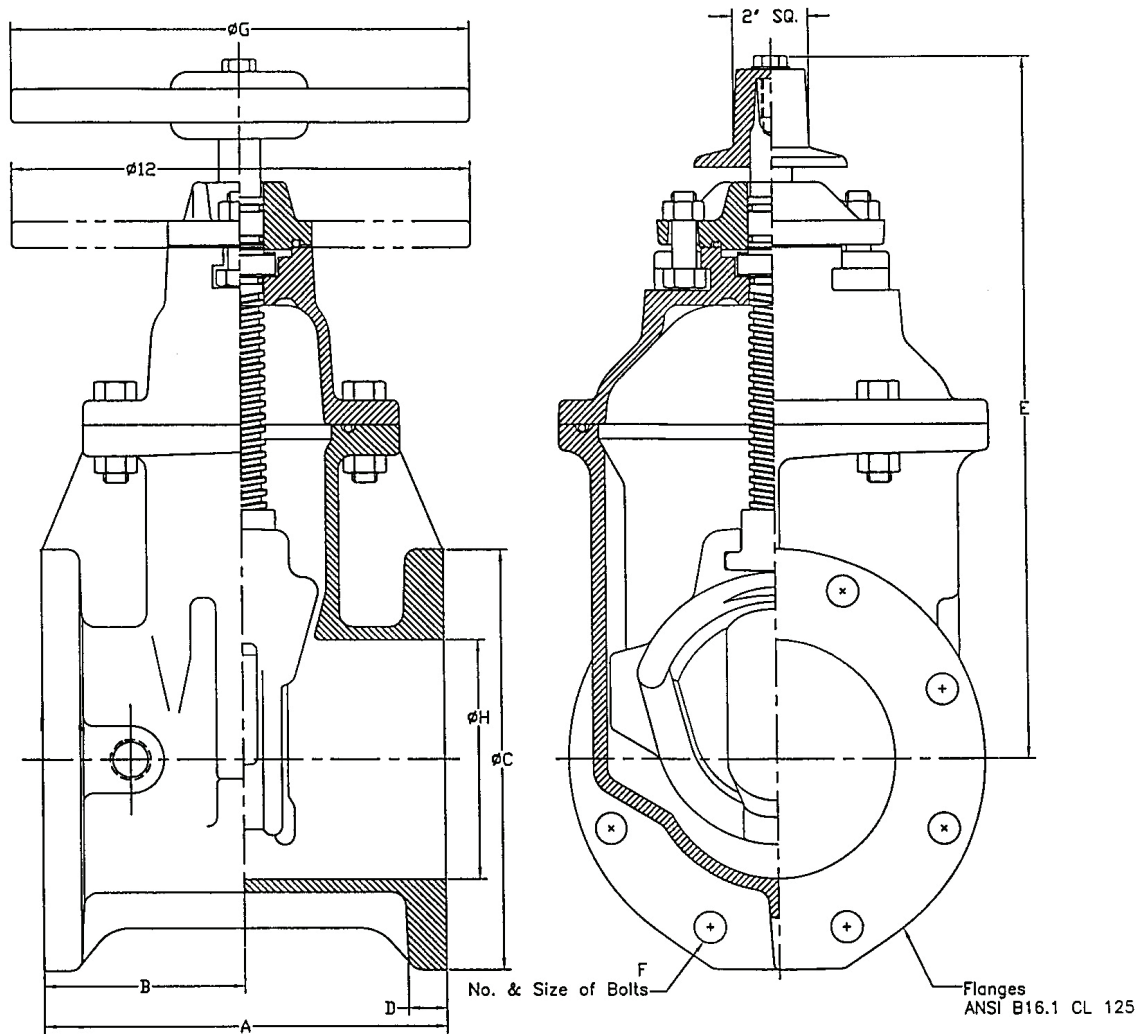
KENNEDY VALVE



2 1/2"-12" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) Non-Rising Stem - *Flanged Ends* General Dimensions

Fig. 5561A SS

Fig. 5701A SS 3"-12" (with post plate)



ALL FLANGE VALVES TAPPED & PLUGGED @ POSITION "A"

VALVE SIZE	A	B	C	D	E	F	G	H	Weight 5561ASS	Weight 5701ASS
2 1/2"	7-1/2"	3-3/4"	7"	11/16"	11-3/8"	4-5/8"	7-1/4"	2-1/2"	52	N/A
3"	8"	4"	7-1/2"	3/4"	12-3/8"	4-5/8"	10"	3"	68	79
4"	9"	4-1/2"	9"	15/16"	14-3/4"	8-5/8"	10"	4-1/4"	78	102
6"	10-1/2"	5-1/4"	11"	1"	19"	8-3/4"	12"	6-1/4"	119	139
8"	11-1/2"	5-3/4"	13-1/2"	1-1/8"	22-1/2"	8-3/4"	14"	8-1/4"	201	208
10"	13"	6-1/2"	16"	1-3/16"	26-1/2"	12-7/8"	18"	10-1/4"	357	340
12"	14"	7"	19"	1-1/4"	30"	12-7/8"	18"	12-1/4"	449	446



KENNEDY VALVE



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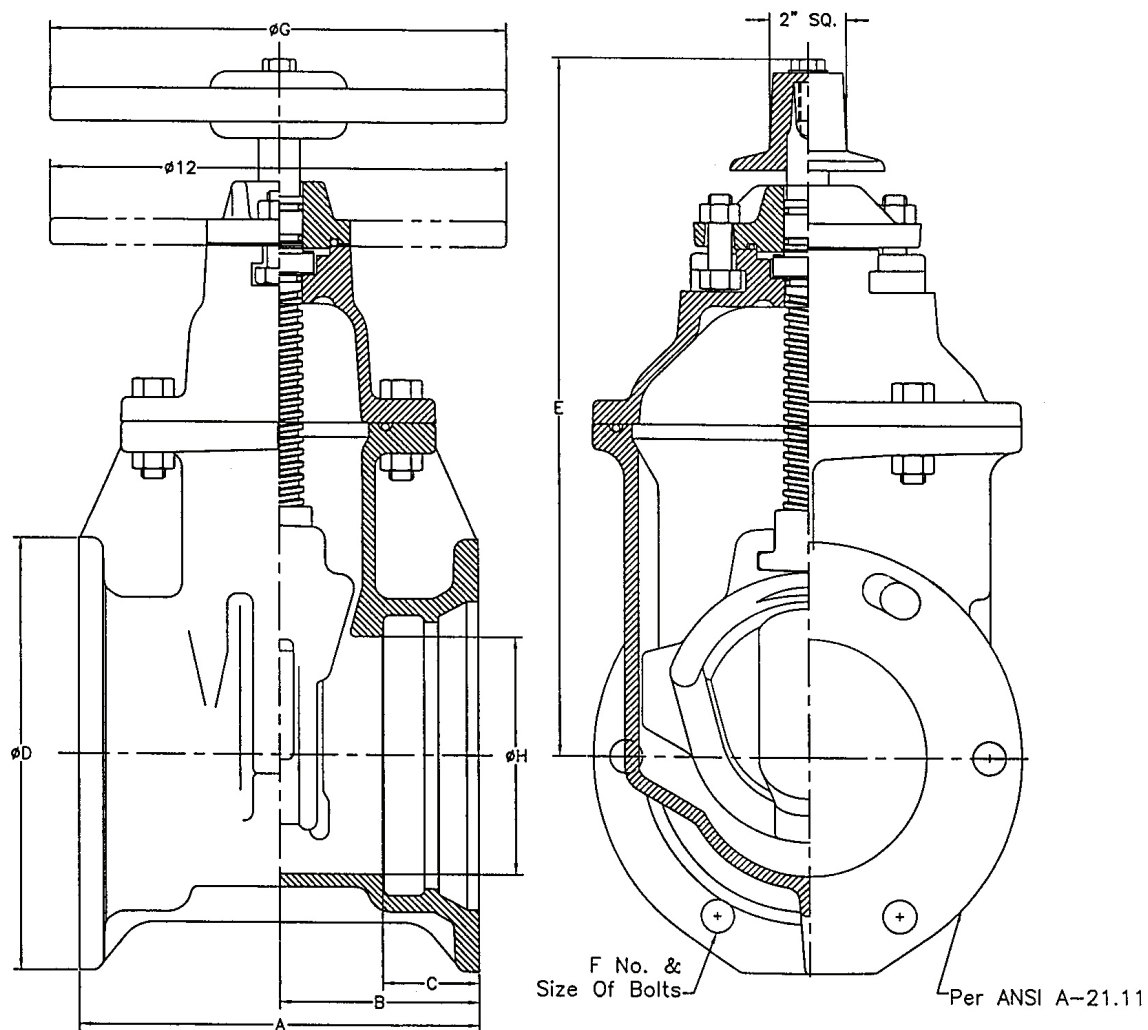


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3"-12" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) Non-Rising Stem - *Mechanical Joint* General Dimensions

Fig. 5571SS

Fig. 5071SS 3"-12" (with post plate)



VALVE SIZE	A	B	C	D	E	F	G	H	Weight 5571SS	Weight 5071SS
3"	8-1/2"	4-1/4"	2-1/2"	7-3/4"	12-3/8"	4-5/8"	10"	3"	59	
4"	9-1/2"	4-3/4"	2-1/2"	9-1/8"	14-3/4"	4-3/4"	10"	4-1/4"	70	91
6"	10-1/2"	5-1/4"	2-1/2"	11-1/8"	19"	6-3/4"	12"	6-1/4"	110	128
8"	13-1/8"	6-9/16"	2-1/2"	13-3/4"	22-1/2"	6-3/4"	14"	8-1/4"	164	189
10"	15-1/2"	7-3/4"	2-1/2"	15-3/4"	26-1/2"	8-3/4"	18"	10-1/4"	287	302
12"	16"	8"	2-5/8"	18"	30"	8-3/4"	18"	12-1/4"	362	385



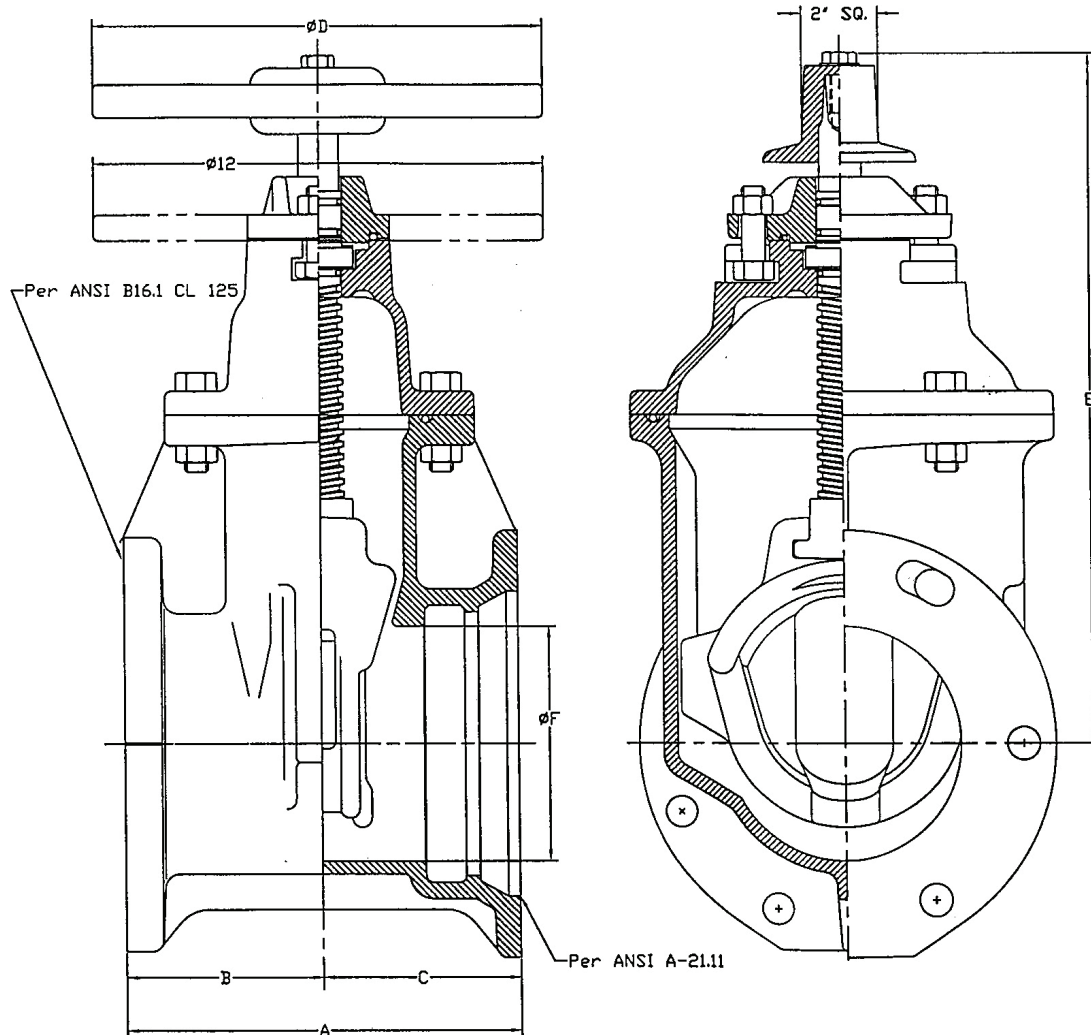
KENNEDY VALVE



3"-12" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) Non-Rising Stem - *Flange x Mechanical Joint* General Dimensions

Fig. 5572SS

Fig. 5702SS (with post plate)



VALVE SIZE	A	B	C	D	E	F	Weight 5572SS	Weight 5702SS
3"	8-1/4"	4"	4-1/4"	10"	12-3/8"	3"	55	
4"	9-1/4"	4-1/2"	4-3/4"	10"	14-3/4"	4-1/4"	75	96
6"	10-1/2"	5-1/4"	5-1/4"	12"	19"	6-1/4"	111	132
8"	12-5/16"	5-3/4"	6-9/16"	14"	22-1/2"	8-1/4"	180	200
10"	14-1/4"	6-1/2"	7-3/4"	18"	26-1/2"	10-1/4"	316	326
12"	15"	7"	8"	18"	30"	12-1/4"	398	407

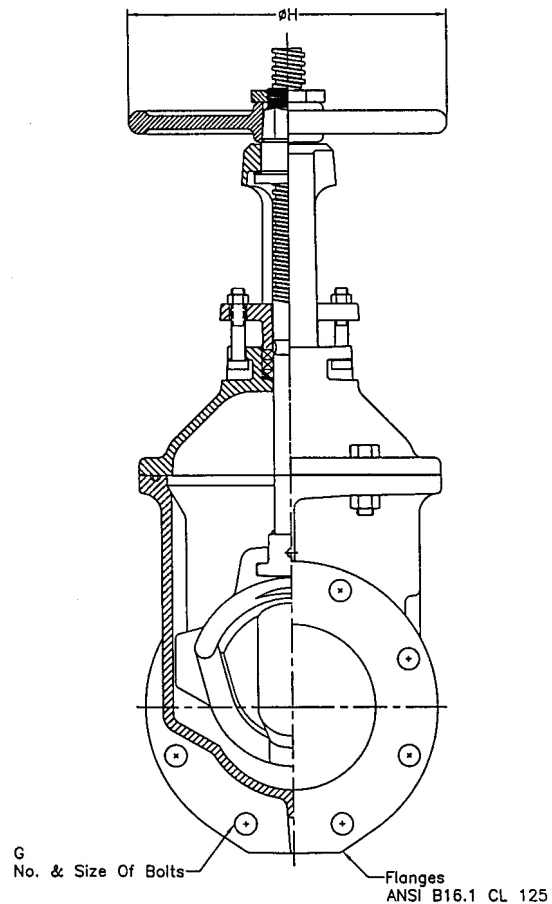
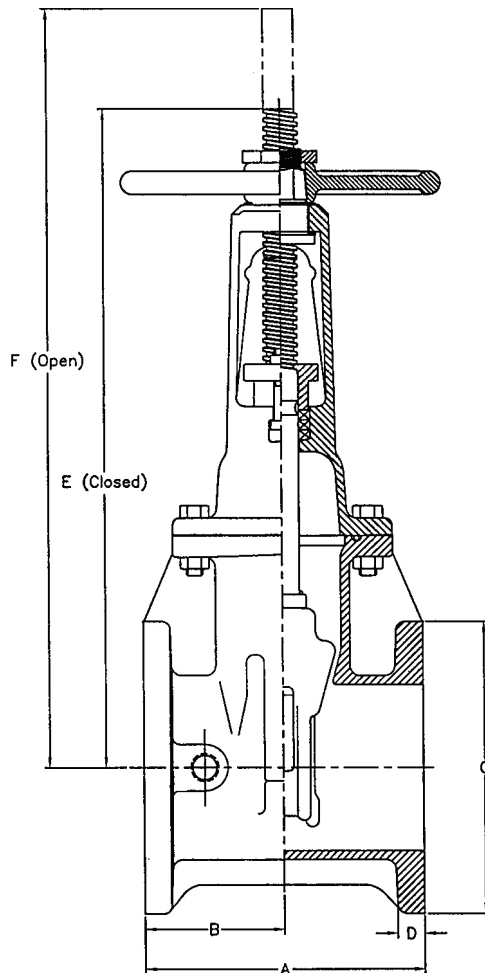


KENNEDY VALVE



2 1/2"-12" Resilient Seated Gate Valve
Model KSRW-HP, Figure 5000 (350psi)
OS&Y - Flanged Ends
General Dimensions

Fig. 5068A



VALVE SIZE	A	B	C	D	E	F	G	H	Weight 5068A
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"	67
4"	9"	4-1/2"	9"	15/16"	18-1/4"	22-3/4"	8-5/8"	10"	92
6"	10-1/2"	5-1/4"	11"	1"	23-3/4"	30-1/8"	8-3/4"	12"	141
8"	11-1/2"	5-3/4"	13-1/2"	1-1/8"	29-1/4"	37-3/4"	8-3/4"	14"	213
10"	13"	6-1/2"	16"	1-3/16"	35-3/8"	45-3/4"	12-7/8"	18"	369
12"	14"	7"	19"	1-1/4"	40-5/8"	53-1/8"	12-7/8"	18"	479



KENNEDY VALVE



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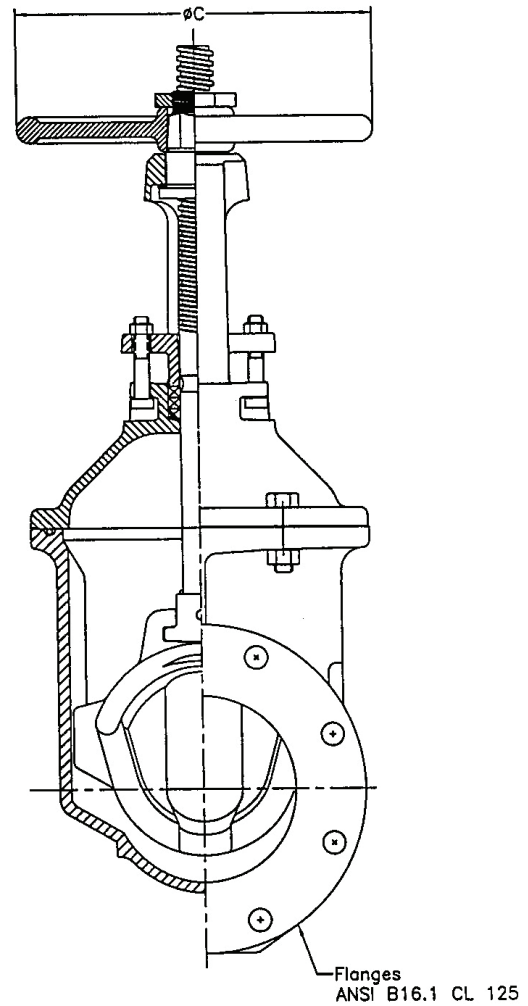
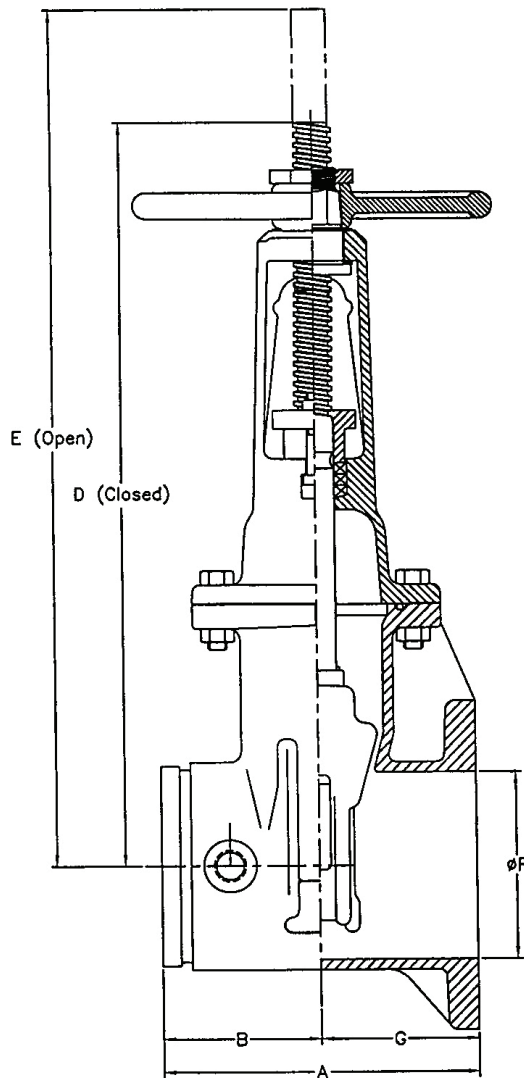
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2-1/2" - 8" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) OS&Y - Groove x Flange Ends General Dimensions

Fig. 5092ABF



VALVE SIZE	A	B	C	D	E	F	G	Weight 5092
2 1/2"	7-1/2"	3-3/4"	7-1/4"	13-7/8"	16-3/8"	2-1/2"	3-3/4"	40
3"	8"	4"	10"	15-5/8"	18-7/8"	3"	4"	57
4"	9"	4-1/2"	10"	18-1/4"	22-3/4"	4-1/4"	4-1/2"	77
6"	10-1/2"	5-1/4"	12"	23-3/4"	30-1/8"	6-1/4"	5-1/4"	115
8"	11-1/2"	5-3/4"	14"	29-1/4"	37-3/4"	8-1/4"	5-3/4"	171

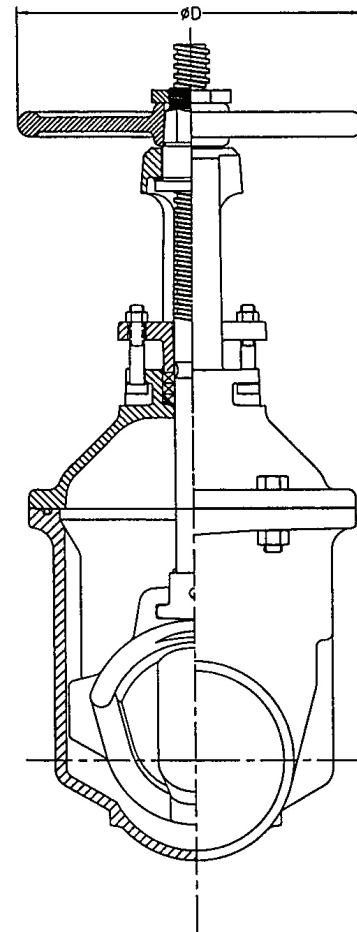
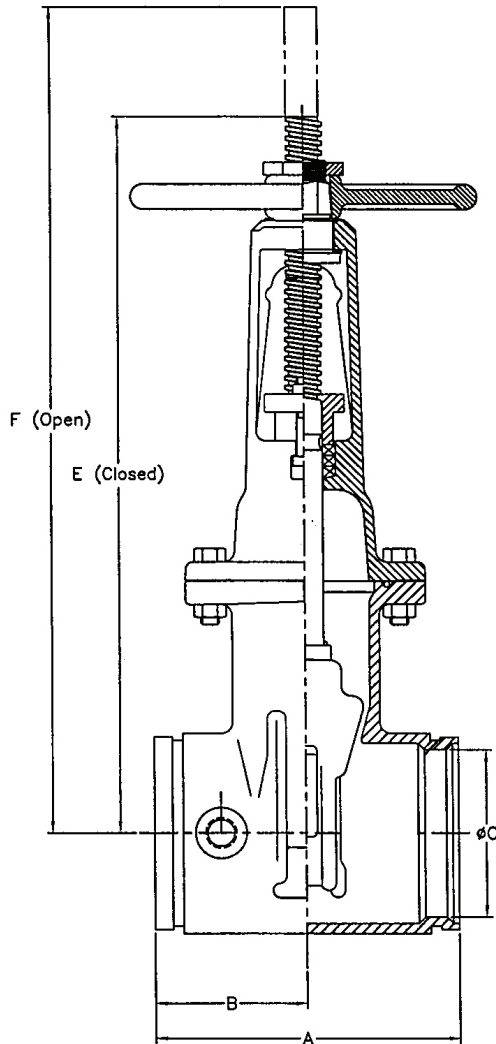


KENNEDY VALVE



2 1/2" - 12" Resilient Seated Gate Valve Model KSRW-HP, Figure 5000 (350psi) OS&Y - Grooved Ends General Dimensions

Fig. 5093ABF *



VALVE SIZE	A	B	C	D	E	F	Weight 5093
2 1/2"	7-1/2"	3-3/4"	1.97	7-1/4"	13-7/8"	16-3/8"	37
3"	8"	4"	2.63	10"	15-5/8"	18-7/8"	48
4"	9"	4-1/2"	3.75	10"	18-1/4"	22-3/4"	74
6"	10-1/2"	5-1/4"	5.80	12"	23-3/4"	30-1/8"	103
8"	11-1/2"	5-3/4"	7.67	14"	29-1/4"	37-3/4"	139
10"*	13"	6-1/2"	9.80	18"	35-3/8"	45-3/4"	294
12"*	10-1/2"	5-1/4"	11.74	18"	40-5/8"	53-1/8"	T.B.D.

* 10-12" Only, UL Listing Pending

About ASC Engineered Solutions

ASC Engineered Solutions is defined by quality—in its products, services and support. With more than 1,400 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruvlok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF® and SprinkFLEX®. With headquarters in Commerce, CA, and Exeter, NH, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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