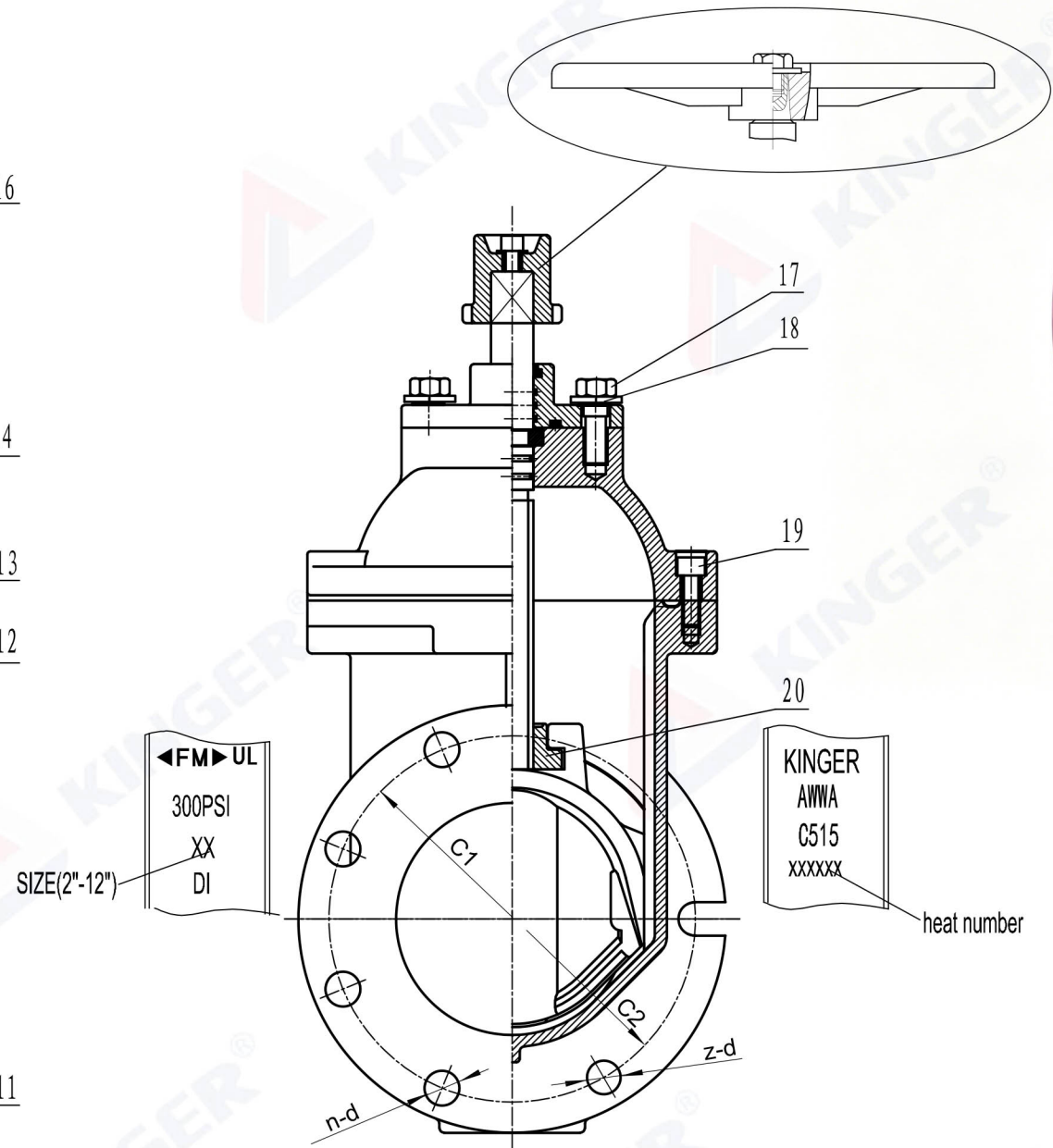
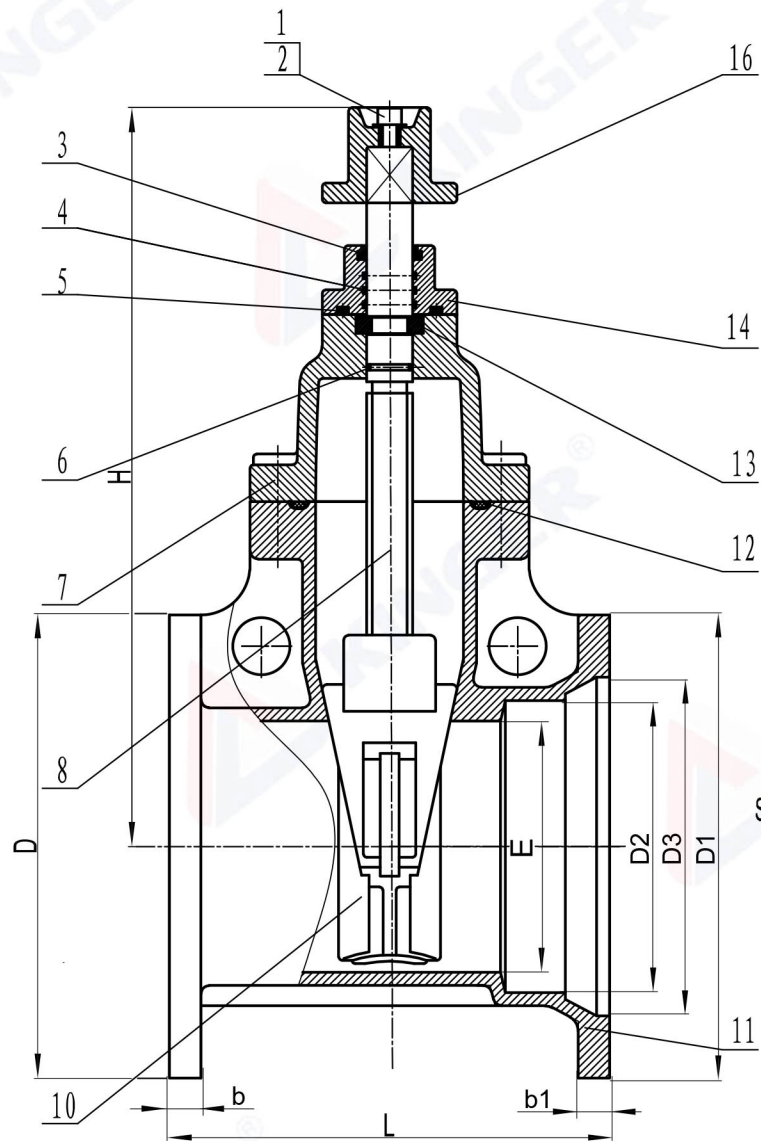


APPLICABLE STANDARD	
Design&Manufacture	AWWA C515
End Connection	ASME B16.1 CL125/ ASME B16.42 CL150
	ANSI/AWWA C153/A21.53/ ANSI/AWWA C110/A21.10
Face-to-Face and End-to-End Dimensions	ASME B16.10
Working Temperature	32°F -176°F
Medium	Water

TESTING DETAILS	
DESCRIPTION	TEST PRESSURE
SHELL TEST	600PSI
SEAT TEST	450PSI



Part No.	Description	Material Specification
1	Flat Washer	Stainless Steel 304
2	Hexagon Socket Screw	Stainless Steel 304
3	Sealing Ring	EPDM ASTM D2000
4	O-Ring	EPDM ASTM D2000
5	Sealing Ring	EPDM ASTM D2000
6	O-Ring	EPDM ASTM D2000
7	Bonnet	Ductile Iron ASTM A536
8	Stem	Stainless Steel 304
10	Disc	EPDM ASTM D2000 +DI ASTM A536
11	Body	Ductile Iron ASTM A536
12	Sealing Ring	EPDM ASTM D2000
13	Retaining Ring	ASTM B148 C95400
14	Gland	Ductile Iron ASTM A536
16	Wrench Nut	Ductile Iron ASTM A536
17	Bolt	Stainless Steel 304
18	Washer	Stainless Steel 304
19	Hexagon Socket Screw	Stainless Steel 304
20	Stem Nut	ASTM B148 C95400

Item No.	Dimensions(Inch)															TURN TO OPEN	
	Size	Flange						Mechanical							L		H
		D	E	C1	b	n	d	D1	C2	D2	D3	b1	z	d			
JKDZ45FM03	3"	7.50	3.14	6.00	0.75	4	0.750	7.69	6.19	4.06	4.94	0.75	4	0.750	8.00	12.68	8
JKDZ45FM04	4"	9.00	4.05	7.50	0.94	8	0.750	9.12	7.50	4.90	6.02	0.75	4	0.875	9.00	13.46	11
JKDZ45FM06	6"	11.00	6.07	9.50	1.00	8	0.875	11.12	9.50	7.00	8.12	0.75	6	0.875	10.50	17.64	13
JKDZ45FM08	8"	13.50	8.06	11.75	1.12	8	0.875	13.37	11.75	9.15	10.27	0.88	6	0.875	11.50	21.02	17.5
JKDZ45FM10	10"	16.00	10.08	14.25	1.19	12	1.000	15.69	14.00	11.20	12.34	0.94	8	0.875	13.00	25.00	22
JKDZ45FM12	12"	19.00	12.09	17.00	1.25	12	1.000	17.94	16.25	13.30	14.44	1.00	8	0.875	14.00	28.35	26

DESCRIPTION	Proj.	JKDZ45FM-001	
AWWA C515 Flanged x Mechanical Joint Resilient NRS Gate Valve	DWG#	REV.	
	JK-003	0	
	WN	APPR.	DATE
	CINDY	KUHN HU	3-7-2025