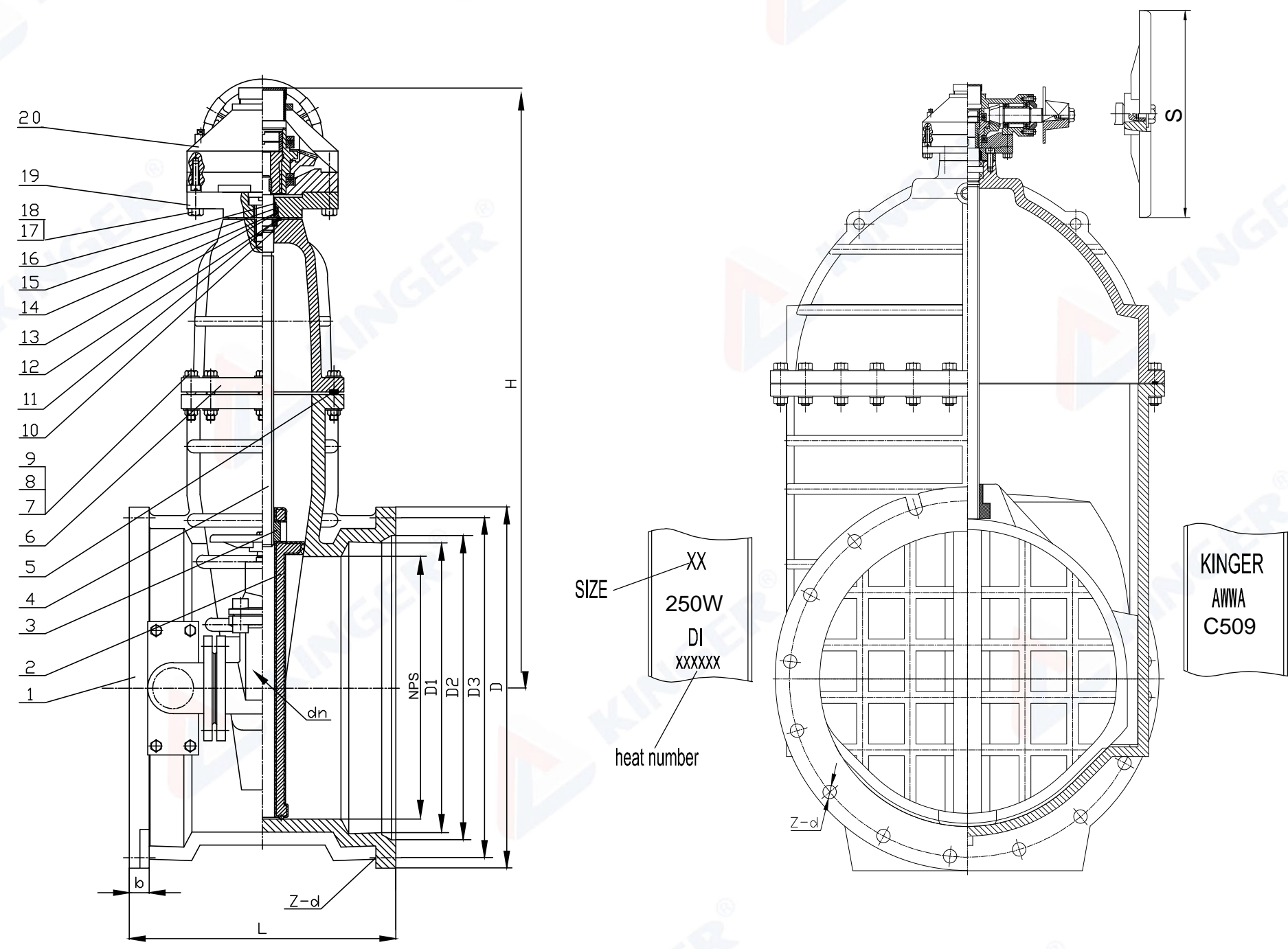


APPLICABLE STANDARD		TESTING DETAILS	
Design&Manufacture	AWWA C509	DESCRIPTION	TEST PRESSURE
End Connection	ANSI/AWWA C153/A21.53/ ANSI/AWWA C110/A21.10	SHELL TEST	500PSI
Gear Flange	ISO5211	SEAT TEST	250PSI
Working Temperature	32°F -176°F		
Medium	Water		



Part No.	Description	Material Specification
1	Body	Ductile Iron ASTM A536
2	Wedge	DI ASTM A536 +EPDM ASTM D2000
3	Stem Nut	Brass ASTM B16
4	Stem	Stainless Steel SS316
5	Gasket	EPDM ASTM D2000
6	Bonnet	Ductile Iron ASTM A536
7	Bonnet Bolt	Stainless Steel SS316
8	Nut	Stainless Steel SS316
9	Washer	Stainless Steel SS316
10	O-Ring	EPDM ASTM D2000
11	Minipad	14-24" PTFE
	Bearing	30-48" Stainless Steel SS316
12	O-Ring	EPDM ASTM D2000
13	O-Ring	EPDM ASTM D2000
14	O-Ring	EPDM ASTM D2000
15	Seal Ring	Brass ASTM B16
16	Dust Ring	EPDM ASTM D2000
17	Bolt	Stainless Steel SS316
18	Washer	Stainless Steel SS316
19	Gland	Ductile Iron ASTM A536
20	Gear Box	

Item No.	Dimensions(Inch)												TURN TO OPEN	TUM RANGE
	NPS	D	D1	D2	D3	b	z	d	S	L	H	dn		
JHZ35XQ-GB14	14"	20.31	15.44	16.54	18.75	1.31	10	0.875	16	14.00	36.73	1.5"	213	±5
JHZ35XQ-GB16	16"	22.56	17.54	18.64	21.00	1.38	12	0.875	16	18.00	39.76	1.5"	180	
JHZ35XQ-GB18	18"	24.83	19.64	20.74	23.25	1.44	12	0.875	16	19.29	42.87	1.5"	257	
JHZ35XQ-GB20	20"	27.08	21.74	22.84	25.50	1.50	14	0.875	16	20.00	45.98	1.5"	288	
JHZ35XQ-GB24	24"	31.58	25.94	27.04	30.00	1.62	16	0.875	16	22.00	52.28	2"	342	±7
JHZ35XQ-GB30	30"	39.12	32.17	33.46	36.88	1.81	20	1.125	16	24.02	73.74	3"	253	
JHZ35XQ-GB36	36"	46.00	38.47	39.76	43.75	2.00	24	1.125	16	27.99	76.46	3"	266	
JHZ35XQ-GB42	42"	53.12	44.67	45.96	50.62	2.00	28	1.375	16	35.98	93.39	4"	381	±9
JHZ35XQ-GB48	48"	60.00	50.97	52.26	57.50	2.00	32	1.375	16	43.00	108.94	4"	426	

DESCRIPTION		Proj.	JHZ35XQ-GB001	
AWWA C509 Mechanical Resilient NRS Gate Valve & Bevel Gears& Bypass		DWG#		REV.
		JH-013		0
		WN	APPR.	DATE
CUSTOMER		CINDY	KUHN HU	3-7-2025
PAGE NO		1 of 1		For special material requests beyond the standard specifications, please clearly note them on your inquiry or order form.

KINGER INDUSTRY INC.