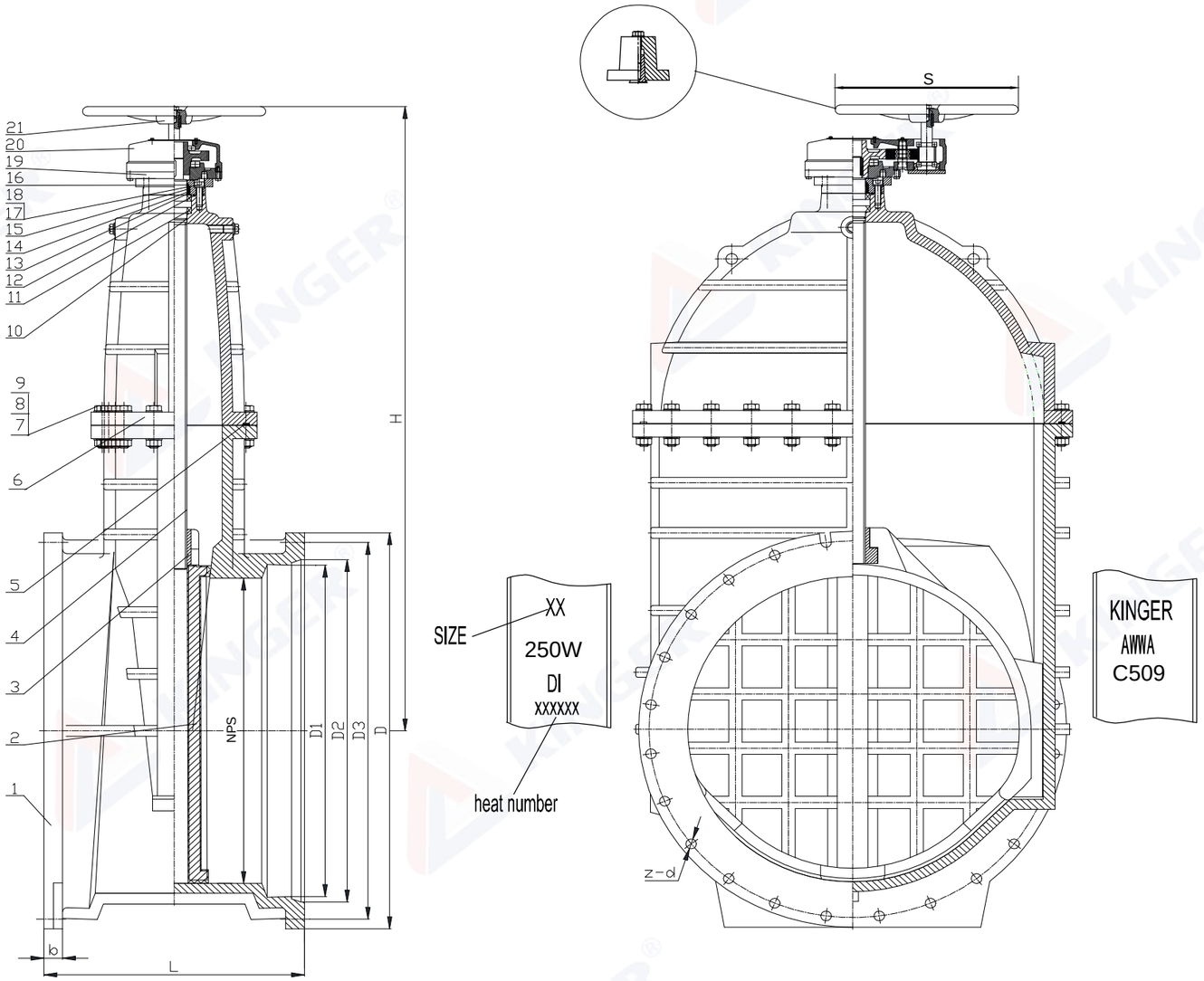
APPLICABLE STANDARD	
Design&Manufacture	AWWA C509
End Connection	ANSI/AWWA C153/A21.53/ ANSI/AWWA C110/A21.10
Gear Flange	ISO5211
Working Temperature	32℉-176℉
Medium	Water

TESTING DETAILS	
DESCRIPTION	TEST PRESSURE
SHELL TEST	500PSI
SEAT TEST	250PSI



Item No.	Dimensions(Inch)											TURN TO OPEN	TUM RANGE
	NPS	D	D1	D2	D3	b	z	d	S	L	H		
JHZ35XQ-S14	14"	20.31	15.44	16.54	18.75	1.31	10	0.875	16	14.00	37.40	354	±6
JHZ35XQ-S16	16"	22.56	17.54	18.64	21.00	1.38	12	0.875	16	18.00	40.55	306	
JHZ35XQ-S18	18"	24.83	19.64	20.74	23.25	1.44	12	0.875	16	19.29	43.31	342	±12
JHZ35XQ-S20	20"	27.08	21.74	22.84	25.50	1.50	14	0.875	16	20.00	46.46	384	
JHZ35XQ-S24	24"	31.58	25.94	27.04	30.00	1.62	16	0.875	16	22.00	52.76	456	
JHZ35XQ-S30	30"	39.12	32.17	33.46	36.88	1.81	20	1.125	16	24.02	66.93	288	
JHZ35XQ-S36	36"	46.00	38.47	39.76	43.75	2.00	24	1.125	16	27.99	73.82	342	
JHZ35XQ-S42	42"	53.12	44.67	45.96	50.62	2.00	28	1.375	16	35.98	84.53	782	±23
JHZ35XQ-S48	48"	60.00	50.97	52.26	57.50	2.00	32	1.375	16	43.00	104.72	874	

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	
21	Handwheel	Ductile Iron ASTM A536

DESCRIPTION	Proj.	JHZ35XQ-S001
AWWA C509 Mechanical Resilient NRS Gate Valve & Supur gears	DWG#	REV.
	JH-010	1
	WN / APPR. / DATE	
	CINDY / KUHN HU / 10/22/2026	
CUSTOMER	KINGER INDUSTRY INC.	
PAGE NO 1 of 1	For special material requests beyond the standard specifications, please clearly note them on your inquiry or order form.	