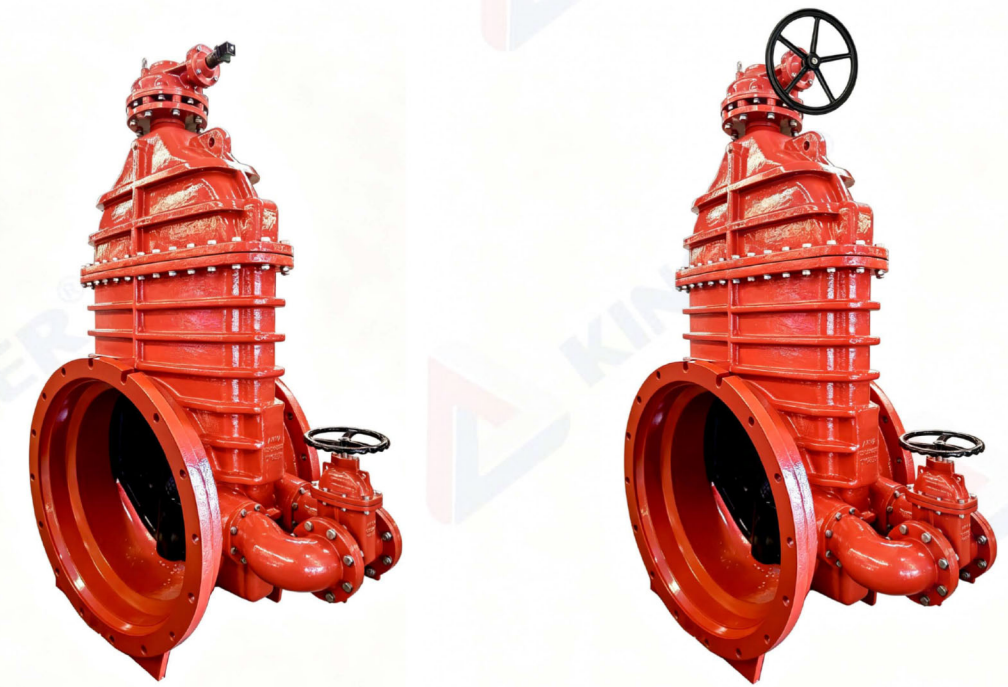
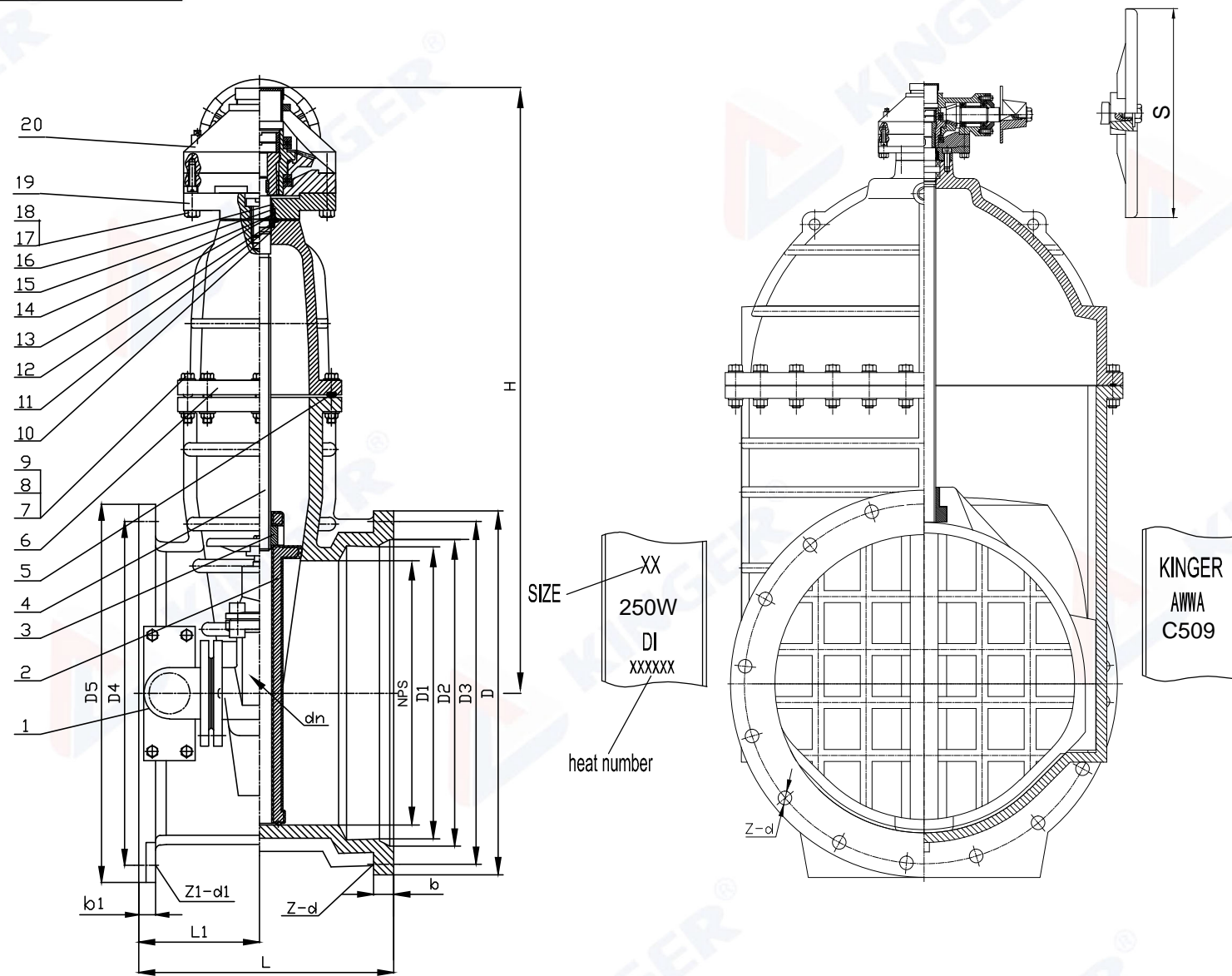


APPLICABLE STANDARD	
Design&Manufacture	AWWA C509
End Connection	ASME B16.1 CL125/ ASME B16.42 CL150
	ANSI/AWWA C153/A21.53/ ANSI/AWWA C110/A21.10
Gear Flange	ISO5211
Working Temperature	32°F -176°F
Medium	Water

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



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	Flange					Mechanical							S	L1	L	H			dn
		D5	D4	b1	z1	d1	D	D1	D2	D3	b	z	d							
JH004X-GB14	14"	21.00	18.75	1.38	12	1.125	20.31	15.44	16.54	18.75	1.31	10	0.875	16	7.50	14.50	36.73	1.5"	213	±5
JH004X-GB16	16"	23.50	21.25	1.44	16	1.125	22.56	17.54	18.64	21.00	1.38	12	0.875	16	7.99	16.99	39.76	1.5"	180	
JH004X-GB18	18"	25.00	22.75	1.56	16	1.250	24.83	19.64	20.74	23.25	1.44	12	0.875	16	8.50	18.15	42.87	1.5"	257	
JH004X-GB20	20"	27.50	25.00	1.69	20	1.250	27.08	21.74	22.84	25.50	1.50	14	0.875	16	9.00	19.00	45.98	1.5"	288	
JH004X-GB24	24"	32.00	29.50	1.88	20	1.375	31.58	25.94	27.04	30.00	1.62	16	0.875	16	10.00	21.00	52.28	2"	342	
JH004X-GB30	30"	38.75	36.00	2.12	28	1.375	39.12	32.17	33.46	36.88	1.81	20	1.125	16	12.01	24.02	73.74	3"	253	±7
JH004X-GB36	36"	46.00	42.75	2.38	32	1.625	46.00	38.47	39.76	43.75	2.00	24	1.125	16	14.00	27.99	76.46	3"	266	
JH004X-GB42	42"	53.00	49.50	2.62	36	1.625	53.12	44.67	45.96	50.62	2.00	28	1.375	16	17.99	35.98	93.39	4"	381	±9
JH004X-GB48	48"	59.50	56.00	2.75	44	1.625	60.00	50.97	52.26	57.50	2.00	32	1.375	16	22.01	43.51	108.94	4"	426	

DESCRIPTION		Proj.	JH004X-GB001
AWWA C509 Flanged x Mechanical Resilient NRS Gate Valve & Bevel Gears & Bypass		DWG#	REV.
		JH-014	0
CUSTOMER		WN	APPR.
		CINDY	KUHN HU
PAGE NO		1 of 1	
For special material requests beyond the standard specifications, please clearly note them on your inquiry or order form.			