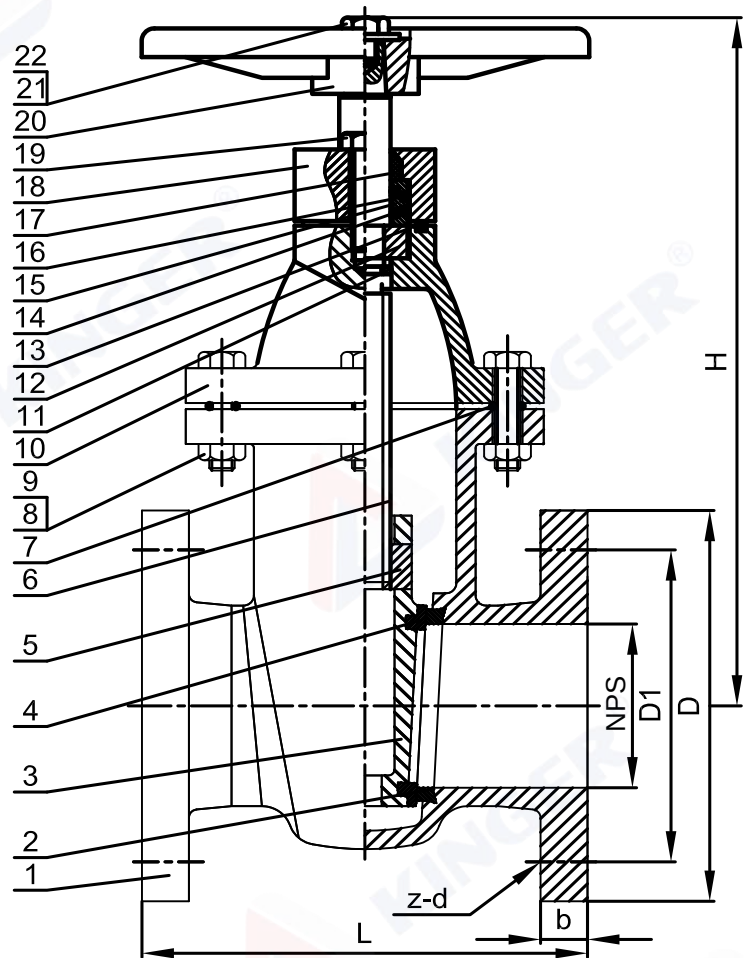
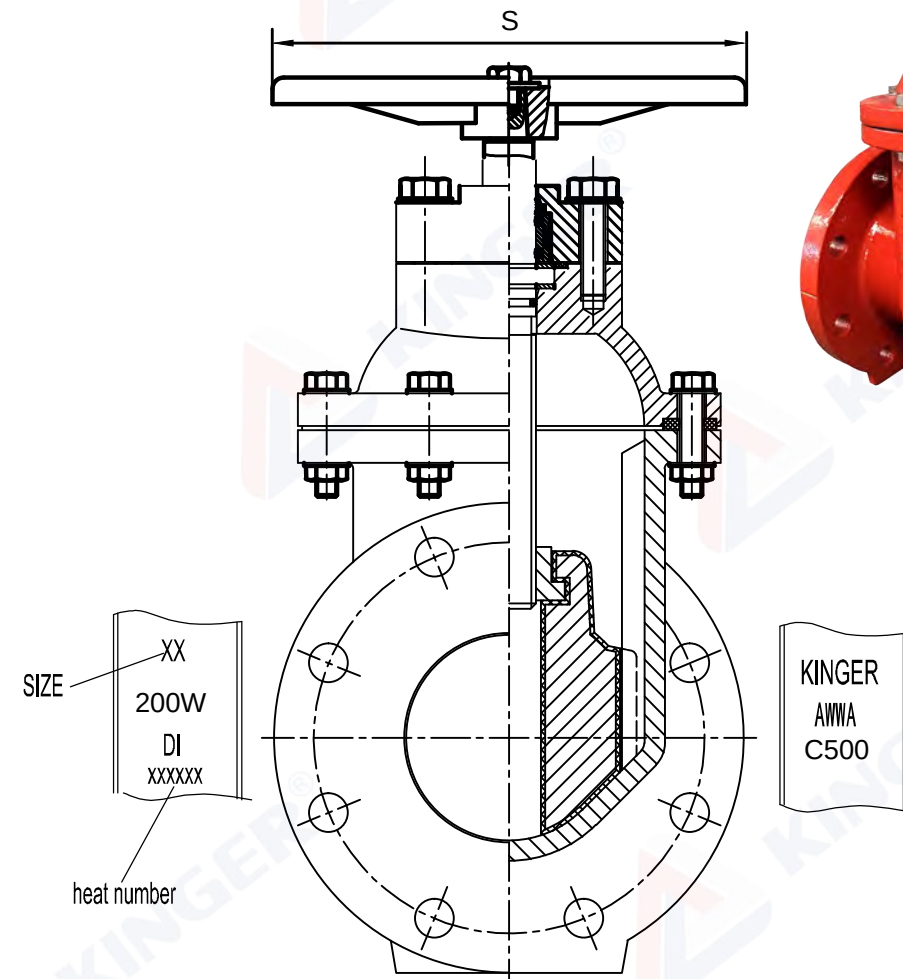


APPLICABLE STANDARD		TESTING DETAILS	
Design&Manufacture	AWWA C500	DESCRIPTION	TEST PRESSURE
End Connection	ASME B16.1 CL125/ ASME B16.42 CL150	SHELL TEST	≤12" 400PSI
Face-to-Face and End-to-End Dimensions	ASME B16.10		≥14" 300PSI
Working Temperature	32°F -176°F	SEAT TEST	≤12" 200PSI
Medium	Water		≥14" 150PSI



Part No.	Description	Material Specification
1	Body	Ductile Iron ASTM A536
2	Body Seat Ring	Brass ASTM B16
3	Wedge	Ductile Iron ASTM A536
4	Wedge Seat Ring	Brass ASTM B16
5	Stem Nut	Brass ASTM B16
6	Stem	Stainless Steel SS316
7	Gasket	NBR ASTM D2000
8	Bonnet Bolt	Stainless Steel SS316
9	Nut	Stainless Steel SS316
10	Bonnet	Ductile Iron ASTM A536
11	O-Ring	NBR ASTM D2000
12	Locating Ring	Brass ASTM B16
13	O-Ring	NBR ASTM D2000
14	O-Ring	NBR ASTM D2000
15	Seal Ring	Brass ASTM B16
16	O-Ring	NBR ASTM D2000
17	Dust Ring	NBR ASTM D2000
18	Gland	Ductile Iron ASTM A536
19	Gland Bolt	Stainless Steel SS316
20	Wheel	Ductile Iron ASTM A536
21	Wheel Bolt	Stainless Steel SS316
22	Washer	Stainless Steel SS316

Item No.	Dimensions(Inch)										TURN TO OPEN
	NPS	D	D1	b	Z	d	L	S	H		
									Handwheel	Wrench Nut	
JHZ45MS02	2"	6.00	4.75	0.62	4	0.750	7.00	7.9	10.79	11.02	8
JHZ45MS025	2.5"	7.00	5.50	0.69	4	0.750	7.50	8.7	11.93	12.20	10
JHZ45MS03	3"	7.50	6.00	0.75	4	0.750	8.00	8.7	13.03	13.19	12
JHZ45MS04	4"	9.00	7.50	0.94	8	0.750	9.00	10.0	14.49	14.76	15
JHZ45MS05	5"	10.00	8.50	0.94	8	0.875	10.00	12.4	16.38	16.54	14.5
JHZ45MS06	6"	11.00	9.50	1.00	8	0.875	10.50	12.4	17.99	18.31	33
JHZ45MS08	8"	13.50	11.75	1.12	8	0.875	11.50	14.0	21.65	21.85	36
JHZ45MS10	10"	16.00	14.25	1.19	12	1.000	13.00	17.7	24.88	25.20	44.5
JHZ45MS12	12"	19.00	17.00	1.25	12	1.000	14.00	17.7	27.99	28.15	54
JHZ45MS14	14"	21.00	18.75	1.38	12	1.125	15.00	17.7	31.69	31.89	47
JHZ45MS16	16"	23.50	21.25	1.44	16	1.125	16.00	17.7	34.80	35.04	53.5
JHZ45MS18	18"	25.00	22.75	1.56	16	1.250	17.00	19.5	38.43	38.58	60
JHZ45MS20	20"	27.50	25.00	1.69	20	1.250	18.00	19.5	41.02	41.34	66
JHZ45MS24	24"	32.00	29.50	1.88	20	1.375	20.00	23.6	47.28	47.64	79

DESCRIPTION		Proj.	JHZ45MS-001	
AWWA C500 Flanged Metal Seated Gate Valve		DWG#		REV.
		JHM-001		0
		WN	APPR.	DATE
		CINDY	KUHN HU	3-7-2025
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.		