

Select Options

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|--|--|--|---|---|
| <input type="checkbox"/> Rising Stems | <input type="checkbox"/> Standard Bottom | <input type="checkbox"/> Top Wedges | <input type="checkbox"/> Wall Thimble Mount | |
| <input type="checkbox"/> Non-Rising Stem | <input type="checkbox"/> Flush Bottom | <input type="checkbox"/> Bottom Wedges | <input type="checkbox"/> Anchor Bolt Mount | |
| Wall Thimble Length (in inches) _____ | | | | |
| Wall Thimble Type: | <input type="checkbox"/> F | <input type="checkbox"/> E | <input type="checkbox"/> Mechanical Joint | <input type="checkbox"/> Lift Mounted on Concrete |
| Wall Thimble Opening: | <input type="checkbox"/> Round | <input type="checkbox"/> Rectangular | <input type="checkbox"/> Lift Mounted on Wall Bracket | |

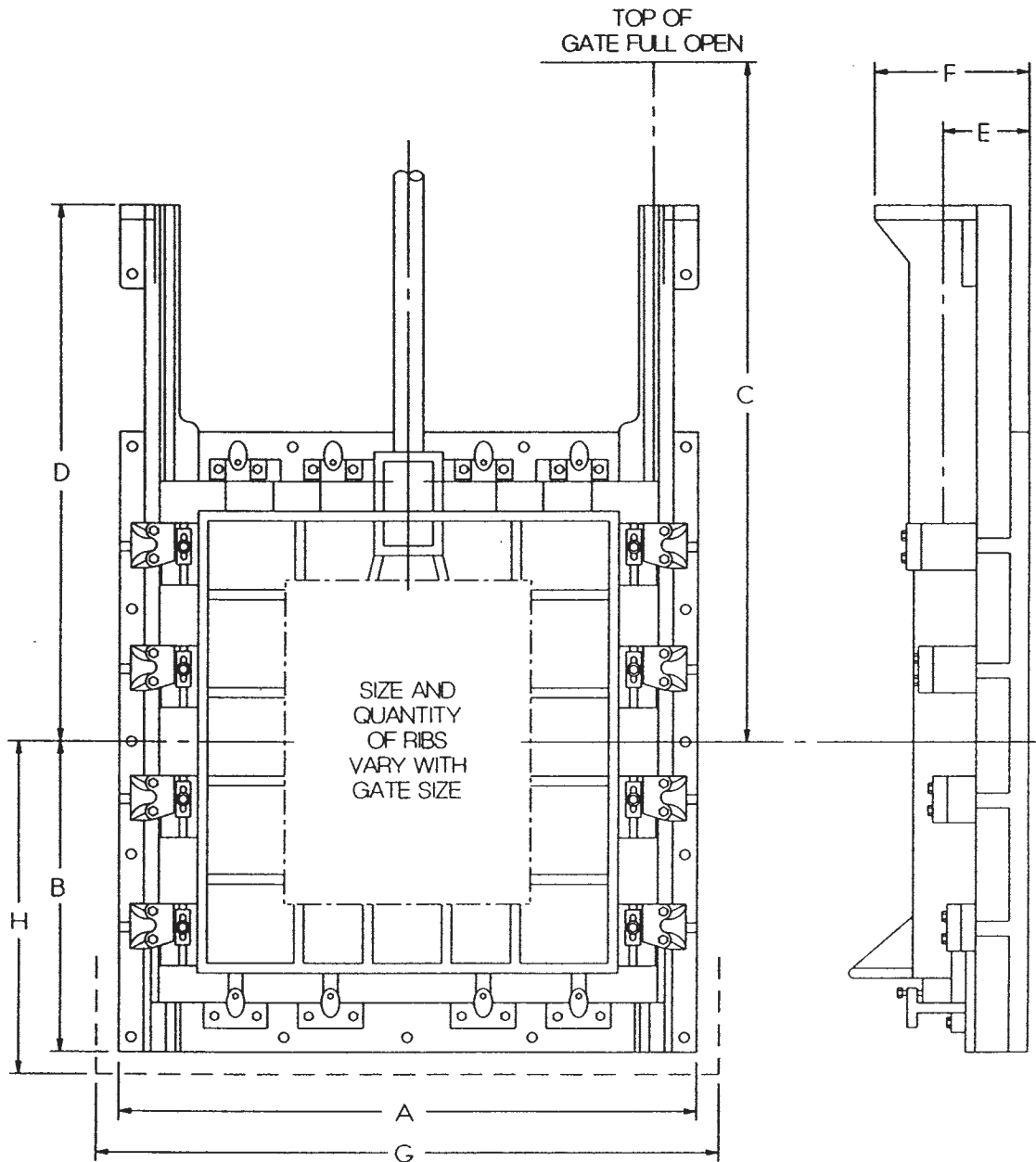


Figure 1-13
Square Opening, 55 Ft Seating Head; 20 Ft Unseating Head – Heavy-Duty Cast Iron Slide Gate (Series HG-560)

This is a design class head rating. Many gate sizes have a higher actual head rating. Please contact Hydro Gate's Engineering Department for maximum head ratings.
 NOTE: G and H are installation clearance dimensions.

Square Opening – Heavy-Duty Cast Iron Slide Gate (Series HG-560)

Gate Size	Flange Back Dimensions							
	Width (A)	Centerline to Bottom of Frame Flange (B)	Centerline to Slide Full Opening Position (C)	Centerline to Top of Frame (D)	Back Mounting Flange to Centerline of Stem (E)	Overall Thickness of Gate (F)	Installation Clearance (G)	Installation Clearance (H)
6 x 6	14.00	7.00	14.37	8.87	5.75	7.25	18.00	9.00
8 x 8	16.00	8.00	16.37	10.87	5.75	7.25	20.00	10.00
10 x 10	18.00	9.00	19.37	12.87	5.75	7.25	22.00	11.00
12 x 12	20.00	10.00	22.37	14.12	5.75	7.25	24.00	12.00
14 x 14	22.00	11.00	26.75	16.87	5.75	8.12	26.00	19.00
15 x 15	23.00	11.50	26.87	17.87	5.75	7.25	27.00	13.50
16 x 16	24.00	12.00	28.37	18.87	5.75	7.25	28.00	14.00
18 x 18	26.00	13.00	31.37	20.87	5.75	7.75	30.00	15.00
20 x 20	28.00	14.00	34.37	22.87	5.75	7.25	32.00	16.00
21 x 21	29.00	14.50	35.87	23.87	6.00	7.50	33.00	16.50
24 x 24	32.00	16.00	41.62	26.87	5.75	8.12	36.00	18.00
30 x 30	38.00	19.00	52.37	32.87	6.37	8.87	42.00	21.00
36 x 36	47.00	23.50	61.37	41.12	7.37	10.87	51.00	25.50
39 x 39	50.50	25.25	66.25	44.25	7.50	11.50	50.50	27.50
42 x 42	53.00	26.50	70.37	47.12	7.50	12.00	57.00	28.50
48 x 48	59.00	29.50	79.37	53.12	7.50	13.50	63.00	31.50
54 x 54	65.00	32.50	91.37	59.12	8.62	16.00	69.00	34.50
60 x 60	73.00	36.50	101.50	65.50	10.00	17.37	77.00	38.50
63 x 63	76.00	38.00	99.62	68.00	10.00	17.37	80.00	40.00
66 x 66	79.00	39.50	106.50	71.00	10.25	18.62	83.00	41.50
72 x 72	85.00	42.50	115.50	77.00	10.25	19.12	89.00	44.00
78 x 78	91.00	45.50	124.50	83.00	10.25	20.12	95.00	47.50
84 x 84	97.00	48.50	133.50	89.00	10.25	21.62	101.00	50.50
90 x 90	103.00	51.50	142.87	95.00	10.25	24.12	107.00	53.50
96 x 96	109.00	54.50	151.87	101.00	10.50	22.87	113.00	56.50
108 x 108	122.50	61.25	169.87	113.00	12.50	23.37	126.50	63.25
120 x 120	134.50	67.25	187.87	125.00	12.62	23.37	138.50	69.25
144 x 144	158.50	79.25	221.25	84.50	13.00	25.00	162.50	81.25