



Figure 1-15
Rectangular 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.

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

Gate Size Width x Height	Flange Back Dimensions (In.)							
	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)
18 x 24	26.00	16.00	40.37	26.87	5.75	7.25	30.00	18.00
18 x 36	26.00	22.00	61.37	40.87	6.37	8.87	30.00	24.00
24 x 30	32.00	19.00	52.37	32.87	6.37	8.37	36.00	21.00
24 x 36	32.00	22.00	61.37	40.87	6.37	8.37	36.00	24.00
36 x 24	47.00	17.50	43.37	27.87	7.37	10.87	51.00	20.00
36 x 42	47.00	26.50	70.37	47.12	7.50	9.50	51.00	29.00
36 x 96	49.00	54.50	151.50	101.00	8.87	12.25	53.00	57.00
42 x 48	53.00	29.50	79.37	53.12	7.50	12.00	57.00	32.00
48 x 36	59.00	23.50	61.37	41.12	7.50	13.50	63.00	26.00
48 x 60	61.00	36.50	101.25	65.25	8.62	13.50	65.00	39.00
48 x 96	61.00	54.50	151.87	101.00	10.25	16.62	65.00	57.00
60 x 72	73.00	42.50	115.50	78.50	10.25	17.12	77.00	45.00
60 x 84	73.00	48.50	133.50	89.00	10.25	17.62	77.00	51.00
60 x 96	73.00	54.50	151.50	102.50	10.25	18.12	77.00	57.00
66 x 42	79.00	27.50	70.50	46.00	10.25	16.12	83.00	30.00
72 x 48	85.00	30.50	79.50	53.00	10.25	19.50	89.00	33.00
72 x 60	85.00	36.50	97.50	65.50	10.25	19.62	89.00	39.00
72 x 96	85.00	54.50	151.50	101.00	10.25	20.12	89.00	57.00
84 x 96	97.00	54.50	151.87	101.00	10.25	22.12	101.00	57.00
96 x 48	109.00	30.50	79.25	53.00	10.25	22.12	113.00	33.00
96 x 60	109.00	36.50	101.50	65.50	10.25	22.87	113.00	39.00
96 x 72	109.00	42.50	115.50	77.00	10.25	22.12	113.00	45.00
108 x 120	122.50	67.25	187.87	125.00	12.62	23.37	127.00	70.00
120 x 96	134.50	55.25	151.87	101.00	12.62	23.87	139.00	58.00