



Figure 1-14
Round 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.

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

Gate Diameter (In.)	Width (A)	Centerline to Bottom of Frame Flange (B)	Flange Diameter (In.)	Centerline to Slide Full Opening Position (C)	Centerline to Top of Frame (D)	Back of Mounting Flange to Centerline of Stem (E)	Overall Thickness of Gate (F)	Installation Clearance (G)	Installation Clearance (H)
6	12.75	6.50	11.00	13.75	8.87	6.87	8.37	24.00	14.00
8	14.75	7.50	13.50	16.37	10.87	6.37	8.37	26.00	15.00
10	16.75	8.50	16.00	19.37	12.87	6.37	6.87	28.00	16.00
12	18.75	9.50	19.00	22.37	14.12	6.87	8.37	30.00	17.00
14	20.75	10.50	21.00	25.37	16.87	8.37	6.87	32.00	18.00
15	21.00	10.75	22.00	28.25	16.50	6.25	8.50	35.00	18.50
16	22.00	11.25	23.50	29.50	17.75	6.00	8.00	36.00	19.00
18	22.75	12.50	25.00	31.37	20.87	6.87	8.87	38.00	20.00
20	26.75	13.50	27.50	34.37	22.87	7.12	8.62	40.00	21.00
21	27.00	13.75	28.50	38.00	23.00	6.75	8.75	41.00	21.50
24	28.75	16.00	32.00	41.62	26.87	7.25	9.75	44.00	23.00
30	34.75	19.00	38.37	52.37	32.87	8.00	10.25	54.00	30.00
36	44.00	23.00	46.00	61.50	40.00	8.25	11.25	60.00	33.00
42	50.00	25.87	53.00	71.75	44.00	10.00	13.50	66.00	36.00
48	56.00	28.00	59.50	81.25	52.00	9.75	14.75	72.00	41.00
54	62.00	32.00	66.25	91.25	57.00	10.00	15.00	78.00	44.00
60	70.00	35.50	73.00	101.25	64.00	10.75	17.37	90.00	47.00
66	76.00	38.50	80.00	108.75	70.00	10.37	17.25	96.00	50.00
72	82.00	42.25	86.50	117.87	77.00	10.75	18.50	102.00	53.00
78	89.00	44.75	93.50	138.37	83.00	11.25	19.00	108.00	57.00
84	94.00	47.75	99.75	138.00	88.00	11.25	19.25	116.00	60.00
90	102.00	51.25	106.50	144.62	95.00	13.00	19.00	122.00	63.00
96	108.00	54.25	112.50	155.75	101.00	14.00	18.00	128.00	66.00