

SIZES & DIMENSION OF SQUARE OPENING THIMBLE MOUNTED FLANGE BACK FRAME C.I. SLUICE GATES

A	B	C	D	E	E1	F	G	H	J	ANCHOR BOLTS		NOTES
										NO.	DIA.	
200	415	200	-	-	-	450	450	100	150	-	-	1. All dimensions are in millimeters. 2. A = Size of gate opening, square opening with square flange or circular opening with circular flange or circular opening with square flange. 3. Distance 'X' depends on number of stem guide brackets required which may be nil, one or more depending on C/L to P/L distance. 4. Operating headstock may be either ungeared or geared depending on the size of gate and water head acting on it. Dimension S=250 / 300 depending upon type of headstock. 5. Dimensions for rectangular sizes and sizes larger than 2000 mm can be furnished on request. 6. Sluice gates listed in tables can be installed where installation clearance along each side and along the bottom is even 25 mm, although higher clearance to the extent possible may be recommended for ease in handling and erection. 7. In case of circular opening gates with circular flange to be mounted on circular pipe flange, recommended installation clearance is 200 mm along each side and beneath the bottom of gate. 8. Figure on page 17 shows conventional bottom closure gate. In case of flush bottom closure gate a recess of 250 mm depth and 750 mm width shall be required to be provided in the floor at the front of the gate.
250	465	225	-	-	-	500	525	100	150	-	-	
300	515	250	-	-	-	550	600	100	150	-	-	
350	565	275	-	-	-	600	675	100	160	-	-	
400	615	300	-	-	-	650	750	165	160	-	-	
450	665	350	-	-	-	700	950	165	295	-	-	
500	715	375	-	-	-	750	1025	165	295	-	-	
600	815	425	-	-	-	850	1175	165	295	-	-	
650	865	450	-	-	-	900	1255	190	320	-	-	
700	915	475	-	-	-	950	1330	190	320	-	-	
750	965	500	-	-	-	1000	1405	190	320	-	-	
800	1015	525	-	-	-	1050	1480	190	320	-	-	
900	1115	575	-	-	-	1150	1630	190	320	-	-	
1000	1280	625	-	-	-	1250	1780	190	320	-	-	
1050	1330	650	-	-	-	1300	1855	210	320	-	-	
1100	1380	675	-	-	-	1350	1930	210	320	-	-	
1200	1480	725	1390	1350	-	1450	2080	210	320	2	20	
1300	1590	780	1510	1450	-	1550	2265	230	380	2	20	
1400	1700	830	1610	1550	-	1650	2415	230	400	2	20	
1500	1800	880	1710	1650	-	1750	2565	225	400	2	20	
1600	1900	930	1810	1750	600	1850	2715	235	430	4	20	
1700	2000	980	1910	1850	600	1950	2865	235	435	4	20	
1800	2100	1030	2010	1950	600	2050	3015	250	450	4	20	
1900	2200	1080	2110	2050	600	2150	3165	250	485	4	20	
2000	2300	1130	2210	2150	600	2250	3315	250	495	4	20	