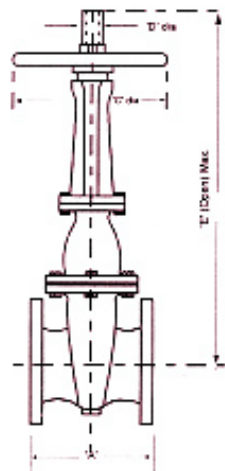
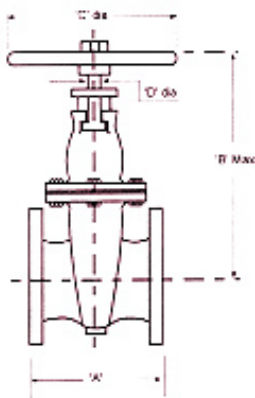


UNIMAC CAST IRON VALVES

Cast Iron Gate Valve



DESIGN STANDARD

IS : 780, IS : 14846, IS : 2906, BS : 5150, BS : 5163, BS : 1735, BS : 1218, BS : 3498, BS : 5151,

AWWA.C 500, DIN 3352

CONSTRUCTION

INSIDE SCREW NONRISING SPINDLE, OUTSIDE SCREW RISING SPINDLE.

TYPE OF WEDGE/GATE

SOLID & TAPER, FLEXIBLE & TAPER, DOUBLE DISC(PARALLE/TAPER).

SIZE/APPLICATION

25 MM TO 2000 MM./ WATER. SEWAGW, GAS, AIR, OIL, CHEMICAL.

PRESSURE RATING

PN 0.05 TO PN 1.6 MPa, PN 4 TO PN 16 BAR, CLASS - 125#.

OPERATION

MANUAL, ELECTRICAL, PNEUMATIC, HYDRAULIC.

TRIM MATERIAL

DIFFERENT MATERIAL OF CONSTRUCTION TO SUIT REQUIRMENTS.

SIZE	RATING PN (MPa)	A	B	C	D	E	APPX. WT (KG)	
							NRS	RS
25	1.6	141	280	160	14	400	8	9
32	1.6	151	300	160	16	440	12	13
40	1.6	170	340	180	20	480	18	19
50	1.0	216	365	225	24	510	22	24
	1.6	216	390	280	26	510	27	29
65	1.0	231	390	225	24	560	24	27
	1.6	231	420	280	26	560	30	33
80	1.0	231	425	225	24	610	32	42
	1.6	231	460	280	26	610	39	49
100	1.0	256	470	320	28	720	48	58
	1.6	256	520	360	30	720	51	61
125	1.0	267	540	320	28	875	60	70
	1.6	267	575	360	30	875	73	84
150	1.0	281	595	320	28	950	75	85
	1.6	281	625	360	32	950	91	90
200	1.0	319	725	360	32	1200	126	138
	1.6	319	765	450	38	1200	160	172
250	1.0	356	835	400	36	1440	183	220
	1.6	356	875	640	44	1440	250	290
300	1.0	381	910	400	36	1675	248	300
	1.6	381	965	640	44	1675	325	360
350	0.6	436	1020	500	40	1900	350	390
	1.0	551	1030	500	40	1900	420	455
400	1.6	691	940	640	44	1900	520	560
	0.6	471	1110	640	44	2070	470	514
450	1.0	601	1100	640	44	2070	640	685
	1.6	750	1070	720	50	2070	640	685
500	0.6	501	1210	640	44	2250	600	646
	1.0	651	1200	720	50	2250	660	700
500	1.6	821	1170	800	55	2250	700	746
	0.6	526	1300	720	50	2430	700	750
500	1.0	701	1340	720	50	2430	824	880
	1.6	881	1260	800	55	2430	950	1000

SIZE	RATING PN (MPa)	A	B	C	D	E	APPX. WT (KG)	
							NRS	RS
600	0.6	556	1500	720	50	2850	1000	1110
	1.0	801	1500	720	50	2850	1200	1310
	1.6	1001	1480	800	60	2850	1500	1610
700	0.4	636	1650	800	55	3250	1500	1650
	0.6	901	1670	800	55	3250	1600	1750
	1.0	1131	1620	800	65	3250	1900	2070
750	0.4	686	1760	800	55	3500	1900	2070
	0.6	951	1780	800	55	3500	2000	2170
	1.0	1201	1720	900	70	3500	2250	2420
800	0.4	701	1850	800	60	3750	2100	2285
	0.6	1001	1930	800	60	3750	2500	2685
	1.0	1251	1820	900	70	3750	2800	2985
900	0.4	741	2100	800	65	4150	2700	2940
	0.6	1101	2080	800	65	4150	3000	3240
	1.0	1381	2040	900	80	4150	3700	3940
1000	0.4	761	2250	900	70	4450	3500	3750
	0.6	1201	2180	900	70	4450	3850	4100
	1.0	1501	2200	900	80	4450	4200	4450
1100	0.4	781	2350	900	70	4900	4050	4300
	0.6	1301	2400	900	80	4900	4400	4650
	1.0	1651	2400	1000	90	4900	5000	5250
1200	0.4	811	2590	900	75	5260	4850	5100
	0.6	1401	2520	1000	85	5260	5400	5650
1300	1.0	1801	2580	1000	90	5260	6200	6450
	0.15	701	3000	1000	75	5700	4900	5150
1400	0.15	711	3200	1000	75	6000	5600	5900
1500	0.15	761	3420	1000	80	6500	6300	6600
1600	0.15	791	3650	1000	90	6850	6800	7100
1700	0.15	821	3900	1000	95	7220	7600	7900
1750	0.15	851	4000	1000	95	7400	8000	8300
1800	0.15	871	4100	1000	100	7600	8300	8650
1900	0.15	931	4300	1000	115	8000	9200	9550
2000	0.15	1001	4560	1000	125	8500	10500	10850

• All dimensions are in mm.

Note : Due to constant up gradation, dimensions are subject to change by the manufacturer.