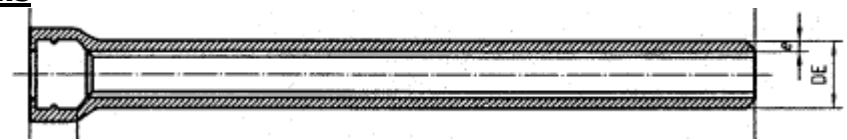


Dimension Details



DIMENSION DETAILS OF DUCTILE IRON PIPES									
DN, mm	EXTERNAL DIAMETER DE, mm	NOMINAL WALL THICKNESS, e, mm							
		C20	C25	C30	C40	C50	C64	C100	K9
80	98				4.4	4.4	4.4	4.8	6.0
100	118				4.4	4.4	4.4	5.5	6.0
125	144				4.5	4.5	4.8	6.5	6.0
150	170				4.5	4.5	5.3	7.4	6.0
200	222				4.7	5.4	6.5	9.2	6.3
250	274				5.5	6.4	7.8	11.1	6.8
300	326			5.1	6.2	7.4	8.9	12.9	7.2
350	378		5.1	6.3	7.1	8.4	10.2	14.8	7.7
400	429		5.5	6.5	7.8	9.3	11.3	16.5	8.1
450	480		6.1	6.9	8.6	10.3	12.6	18.4	8.6
500	532		6.5	7.5	9.3	11.2	13.7	20.2	9.0
600	635		7.6	8.7	10.9	13.1	16.1	23.8	9.9
700	738	7.3	8.8	9.9	12.4	15.0	18.5	27.5	10.8
800	842	8.1	9.6	11.1	14.0	16.9	21.0		11.7
900	945	8.9	10.6	12.3	15.5	18.8	23.4		12.6
1000	1048	9.8	11.6	13.4	17.1	20.7			13.5
1100	1152	10.6	12.6	14.7	18.7	22.7			14.4
1200	1255	11.4	13.6	15.8	20.2				15.3
1400	1462	13.1	15.7	18.2					17.1
1500	1565	13.9	16.7	19.4					18.0
1600	1668	14.8	17.7	20.6					18.9
1800	1875	16.4	19.7	23.0					20.7
2000	2082	18.1	21.8	25.4					22.5
2200	2288	19.8	23.8						24.3
2400	2495	21.4	25.8						26.1
2600	2702	23.1	27.9						27.9

NOTE:

1. Class of pipe is related to allowable operating pressure (PFA) of pipe
e.g. Allowable working pressure of C20 pipe is 20 bars or (20 Kg/cm²).
2. Allowable Maximum Operating Pressure (PMA) = 1.2 x PFA (Including Surge)
3. Allowable Test Pressure (PEA) = PMA + 5 bar