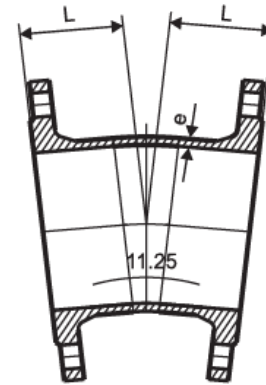
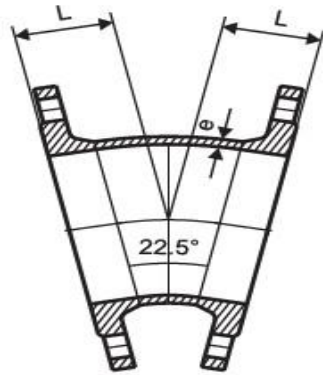


Class : K12							
Nominal Diameter (DN)	e	90 deg			45 deg		
		L	App. Mass (Kg)		L	App. Mass (Kg)	
			PN 10	PN 16		PN 10	PN 16
80	7.0	165	10	10	130	10	10
100	7.2	180	12	12	140	11	11
125	7.5	200	16	16	150	15	15
150	7.8	220	21	21	160	19	19
200	8.4	260	31	31	180	27	27
250	9.0	350	49	50	350	54	55
300	9.6	400	68	70	400	76	78
350	10.2	450	92	97	298	77	83
400	10.8	500	118	128	324	98	107
450	11.4	550	146	165	350	120	140
500	12.0	600	184	214	375	148	176
600	13.2	700	277	325	426	216	263
700	14.4	800	395	420	478	304	327
750	15.0	850	470	500	504	360	385
800	15.6	900	545	575	529	415	444
900	16.8	1000	710	750	581	530	566
1000	18.0	1100	920	992	632	685	752
1100	19.2	1235	1180	1260	694	860	935
1200	20.4	1340	1480	1600	750	1070	1185
1400	22.8	1550	2150	2280	775	1435	1550
1500	24.0	1660	2650	2800	810	1680	1860
1600	25.2	1765	3070	3270	845	1970	2150
1800	27.6	1970	4020	4300	910	2540	2770

NOTE : Size & Dimensions in **RED** are non standard as per IS 9523-2000



Class : K12

Nominal Diameter (DN)	e	22.50 deg		11.25 deg			
		L	App. Mass (Kg)		L	App. Mass (Kg)	
			PN 10	PN 16		PN 10	PN 16
80	7	85	9	9	75	8	8
100	7.2	90	10	10	80	10	10
125	7.5	95	13	13	85	12	12
150	7.8	105	17	17	90	16	16
200	8.4	120	24	24	100	23	23
250	9	135	33	33	110	31	31
300	9.6	150	45	45	120	41	41
350	10.2	165	67	72	130	61	66
400	10.8	175	70	79	140	63	72
450	11.4	190	84	100	145	73	89
500	12	205	104	131	155	90	117
600	13.2	235	152	180	175	130	158
700	14.4	265	213	237	195	181	205
750	15	280	249	275	210	218	244
800	15.6	295	289	319	215	247	277
900	16.8	320	363	401	235	307	345
1000	18	350	468	538	255	394	464
1100	19.2	380	583	655	265	481	551
1200	20.4	410	727	837	275	582	692
1400	22.8	465	1012	1126	295	775	889
1500	24	495	1199	1375	330	940	1116
1600	25.2	525	1429	1607	370	1158	1336

NOTE : Size & Dimensions in **RED** are non standard as per IS 9523-2000