



DN	OD	VERTICAL BEND	DESIGN PRESSURE HEAD	TEST PRESSURE HEAD	THRUST T	H	L	W	S	CONCRETE VOLUME
(mm)	(mm)	(degrees)	(m)	(m)	(kN)	(mm)	(mm)	(mm)	(mm)	(m³)
100	122	11.25	120	150	3.4	700	250	1000	150	0.175
100	122	22.5	120	150	6.7	1000	350	1000	150	0.350
100	122	45	120	150	13.2	1100	600	1000	150	0.660
150	177	11.25	120	150	7.1	1200	300	1000	200	0.360
150	177	22.5	120	150	14.1	1550	500	1000	200	0.775
150	177	45	120	150	27.7	1650	800	1000	200	1.320

DN	OD	DESIGN PRESSURE HEAD	TEST PRESSURE HEAD	THRUST T	SOIL AHPB	W	H	L	REQUIRED BEARING AREA
(mm)	(mm)	(m)	(m)	(kN)	(kPa)	(mm)	(mm)	(mm)	(m ²)
100	122	120	150	17.2	50	450	450	800	0.344
100	122	120	150	17.2	100	250	450	450	0.172
100	122	120	150	17.2	200	250	350	450	0.086
150	177	120	150	36.2	50	750	500	1500	0.724
150	177	120	150	36.2	100	400	500	750	0.362
150	177	120	150	36.2	200	250	400	500	0.181