

OCEAN GUARD MONOPILE DONUT FLOATING FENDER

HIGH CAPACITY

FENDER		PILE		FLAT		ENERGY		REACTION	
DIAMETER		DIAMETER		LENGTH		ABSORPTION		FORCE	
FEET	METERS	FEET	METERS	FEET	METERS	FT-KIPS	TON-M	KIPS	TON
4.5	1.4	2	0.6	2	0.6	7	1.0	29	13.2
4.5	1.4	2	0.6	3	0.9	10	1.4	43	19.5
4.5	1.4	2	0.6	4	1.2	13	1.8	58	26.3
4.5	1.4	2	0.6	5	1.5	16	2.2	72	32.7
4.5	1.4	2	0.6	6	1.8	20	2.8	87	39.5
4.5	1.4	2	0.6	7	2.1	23	3.2	101	45.8
4.5	1.4	2	0.6	8	2.4	26	3.6	116	52.6
5	1.5	2.5	0.8	2	0.6	8	1.1	34	15.4
5	1.5	2.5	0.8	3	0.9	11	1.5	51	23.1
5	1.5	2.5	0.8	4	1.2	15	2.1	68	30.8
5	1.5	2.5	0.8	5	1.5	19	2.6	84	38.1
5	1.5	2.5	0.8	6	1.8	23	3.2	101	45.8
5	1.5	2.5	0.8	7	2.1	27	3.7	118	53.5
5	1.5	2.5	0.8	8	2.4	30	4.1	135	61.2
6	1.8	3	0.9	2	0.6	12	1.7	39	17.7
6	1.8	3	0.9	3	0.9	17	2.4	58	26.3
6	1.8	3	0.9	4	1.2	23	3.2	77	34.9
6	1.8	3	0.9	5	1.5	29	4.0	96	43.5
6	1.8	3	0.9	6	1.8	35	4.8	116	52.6
6	1.8	3	0.9	7	2.1	41	5.7	135	61.2
6	1.8	3	0.9	8	2.4	46	6.4	154	69.9
7	2.1	3.5	1.1	3	0.9	24	3.3	65	29.5
7	2.1	3.5	1.1	4	1.2	33	4.6	87	39.5
7	2.1	3.5	1.1	5	1.5	41	5.7	109	49.4
7	2.1	3.5	1.1	6	1.8	49	6.8	130	59.0
7	2.1	3.5	1.1	7	2.1	57	7.9	152	68.9
7	2.1	3.5	1.1	8	2.4	65	9.0	174	78.9
7.5	2.3	4	1.2	3	0.9	27	3.7	72	32.7
7.5	2.3	4	1.2	4	1.2	36	5.0	96	43.5
7.5	2.3	4	1.2	5	1.5	45	6.2	121	54.9
7.5	2.3	4	1.2	6	1.8	54	7.5	145	65.8
7.5	2.3	4	1.2	7	2.1	63	8.7	169	76.7
7.5	2.3	4	1.2	8	2.4	72	10.0	193	87.5
8.25	2.5	4.5	1.4	3	0.9	33	4.6	80	36.3
8.25	2.5	4.5	1.4	4	1.2	44	6.1	106	48.1
8.25	2.5	4.5	1.4	5	1.5	55	7.6	133	60.3
8.25	2.5	4.5	1.4	6	1.8	66	9.1	159	72.1
8.25	2.5	4.5	1.4	7	2.1	77	10.6	186	84.4
8.25	2.5	4.5	1.4	8	2.4	88	12.2	212	96.2
9	2.7	5	1.5	3	0.9	39	5.4	87	39.5
9	2.7	5	1.5	4	1.2	52	7.2	116	52.6
9	2.7	5	1.5	5	1.5	65	9.0	145	65.8
9	2.7	5	1.5	6	1.8	78	10.8	174	78.9
9	2.7	5	1.5	7	2.1	91	12.6	203	92.1
9	2.7	5	1.5	8	2.4	104	14.4	232	105.2

** Actual values for above sizes may vary +/- 15% due to variations in materials, speed of compression, temperatures and tolerances.*

The fender performance is engineered at 60% foam compression. The monopile deflection provides additional energy absorption for the same reaction force rating.