

OCEAN GUARD MONOPILE DONUT FLOATING FENDER

EXTRA 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	10	1.4	44	20.0
4.5	1.4	2	0.6	3	0.9	15	2.1	66	29.9
4.5	1.4	2	0.6	4	1.2	20	2.8	88	39.9
4.5	1.4	2	0.6	5	1.5	25	3.5	110	49.9
4.5	1.4	2	0.6	6	1.8	30	4.1	132	59.9
4.5	1.4	2	0.6	7	2.1	35	4.8	154	69.9
4.5	1.4	2	0.6	8	2.4	40	5.5	176	79.8
5	1.5	2.5	0.8	2	0.6	12	1.7	51	23.1
5	1.5	2.5	0.8	3	0.9	17	2.4	77	34.9
5	1.5	2.5	0.8	4	1.2	23	3.2	103	46.7
5	1.5	2.5	0.8	5	1.5	29	4.0	128	58.1
5	1.5	2.5	0.8	6	1.8	35	4.8	154	69.9
5	1.5	2.5	0.8	7	2.1	40	5.5	180	81.6
5	1.5	2.5	0.8	8	2.4	46	6.4	205	93.0
6	1.8	3	0.9	2	0.6	18	2.5	59	26.8
6	1.8	3	0.9	3	0.9	26	3.6	88	39.9
6	1.8	3	0.9	4	1.2	35	4.8	117	53.1
6	1.8	3	0.9	5	1.5	44	6.1	147	66.7
6	1.8	3	0.9	6	1.8	53	7.3	176	79.8
6	1.8	3	0.9	7	2.1	62	8.6	205	93.0
6	1.8	3	0.9	8	2.4	70	9.7	234	106.1
7	2.1	3.5	1.1	3	0.9	37	5.1	99	44.9
7	2.1	3.5	1.1	4	1.2	49	6.8	132	59.9
7	2.1	3.5	1.1	5	1.5	62	8.6	165	74.8
7	2.1	3.5	1.1	6	1.8	74	10.2	198	89.8
7	2.1	3.5	1.1	7	2.1	87	12.0	231	104.8
7	2.1	3.5	1.1	8	2.4	99	13.7	264	119.8
7.5	2.3	4	1.2	3	0.9	41	5.7	110	49.9
7.5	2.3	4	1.2	4	1.2	55	7.6	147	66.7
7.5	2.3	4	1.2	5	1.5	69	9.5	183	83.0
7.5	2.3	4	1.2	6	1.8	82	11.3	220	99.8
7.5	2.3	4	1.2	7	2.1	96	13.3	256	116.1
7.5	2.3	4	1.2	8	2.4	110	15.2	293	132.9
8.25	2.5	4.5	1.4	3	0.9	50	6.9	121	54.9
8.25	2.5	4.5	1.4	4	1.2	66	9.1	161	73.0
8.25	2.5	4.5	1.4	5	1.5	83	11.5	201	91.2
8.25	2.5	4.5	1.4	6	1.8	100	13.8	242	109.8
8.25	2.5	4.5	1.4	7	2.1	116	16.0	282	127.9
8.25	2.5	4.5	1.4	8	2.4	133	18.4	322	146.1
9	2.7	5	1.5	3	0.9	59	8.2	132	59.9
9	2.7	5	1.5	4	1.2	79	10.9	176	79.8
9	2.7	5	1.5	5	1.5	99	13.7	220	99.8
9	2.7	5	1.5	6	1.8	119	16.5	264	119.8
9	2.7	5	1.5	7	2.1	138	19.1	308	139.7
9	2.7	5	1.5	8	2.4	158	21.9	352	159.7

** 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.