



STANDARD CAPACITY MARINE CUSHION FOAM FILLED FENDERS

ENGLISH SIZES

FENDERS		STANDARD CAPACITY			
SIZE		ENERGY ABSORPTION @ 60% COMPRESSION		REACTION FORCE @ 60% COMPRESSION	
ENGLISH	METRIC	ft - kips	ton-m	kips	tons
ft x ft	m x m				
3 x 6	0.92 x 1.83	36	5	56	25.4
4 x 8	1.22 x 2.44	85	12	98	44
5 x 10	1.53 x 3.05	165	23	152	68
5 x 16	1.53 x 4.88	262	36	243	110
6 x 12	1.83 x 3.66	282	39	217	98.4
7 x 14	2.13 x 4.27	445	62	294	133
8 x 12	2.44 x 3.66	465	64	268	121
8 x 16	2.44 x 4.88	661	91	381	173
9 x 14	2.75 x 4.27	729	101	373	169
9 x 18	2.75 x 5.49	937	130	480	218
10 x 16	3.05 x 4.88	976	135	450	204
10 x 20	3.05 x 6.10	1,280	177	590	267
11 x 18	3.35 x 5.49	1,389	192	581	263
11 x 22	3.35 x 6.71	1,697	235	711	322
12 x 24	3.70 x 7.30	2,196	304	844	383
13 x 26	3.96 x 7.90	2,784	385	987	447
14 x 28	4.27 x 8.53	3,379	467	1,128	511

METRIC SIZES

FENDERS		STANDARD CAPACITY			
SIZE		ENERGY ABSORPTION @ 60% COMPRESSION		REACTION FORCE @ 60% COMPRESSION	
METRIC	ENGLISH	ft - kips	ton-m	kips	tons
m x m	ft x ft				
1.00 x 1.50	3.3 x 4.9	33	5	47	21
1.00 x 2.00	3.3 x 6.6	48	7	67	30
1.20 x 2.00	3.9 x 6.6	64	9	76	34
1.35 x 2.50	4.4 x 8.2	103	14	109	49
1.50 x 3.00	4.9 x 9.8	155	21	146	66
1.70 x 3.00	5.6 x 9.8	196	27	162	73
2.00 x 3.50	6.6 x 11.5	317	44	222	101
2.00 x 4.00	6.6 x 13.1	371	51	259	117
2.20 x 4.50	7.2 x 14.8	500	69	321	146
2.50 x 4.00	8.2 x 13.1	541	75	305	138
2.50 x 5.50	8.2 x 18.0	794	110	447	203
3.00 x 6.00	9.8 x 19.7	1,213	168	571	259
3.30 x 4.50	10.8 x 14.8	1,007	139	430	195
3.30 x 6.50	10.8 x 21.3	1,581	219	675	306
3.30 x 10.6	10.8 x 34.8	2,774	384	1,184	537
4.20 x 8.40	13.8 x 27.6	3,322	459	1,109	503

Above information is for our Standard Capacity Marine Cushion foam filled marine fenders. Actual values for all sizes may vary plus or minus 15% from stated values due to variations in material properties, temperature, dimensional tolerance and speed of compression. Marine Cushion foam filled marine fenders are also available in Low Reaction, High, Extra High and Super High Capacity models.

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