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Ocean Guard™ SSD Small Standard Duty Foam Filled Fenders

LOW REACTION

Fender Size		Energy Absorption (60% Compression)			Reaction Force (When EA is Achieved)			Hardware Shackle Size	
English	Metric	ft-kips	ton-m	kN-m	kips	tons	kN	inches	mm
Ø [in] x L [in]	Ø [m] x L [m]								
16 x 24	400 x 600	2.1	0.3	2.8	7.3	3.3	32.5	0.5	13
16 x 36	400 x 900	3.2	0.4	4.3	10.9	4.9	48.5	0.5	13
18 x 36	457 x 900	3.9	0.5	5.3	11.9	5.4	52.9	0.5	13
20 x 36	500 x 900	5.0	0.7	6.8	13.6	6.2	60.5	0.5	13
20 x 39	500 x 1000	5.2	0.7	7.1	14.3	6.5	63.6	0.5	13
20 x 48	500 x 1200	6.4	0.9	8.7	17.6	8.0	78.3	0.5	13
22 x 48	558 x 1200	7.7	1.1	10.4	19.4	8.8	86.3	0.5	13
24 x 36	600 x 900	6.8	0.9	9.2	15.7	7.1	69.8	0.5	13
24 x 48	600 x 1200	9.1	1.3	12.3	20.8	9.4	92.5	0.5	13
32 x 50	800 x 1270	16.9	2.3	22.9	29.4	13.3	130.8	0.625	16
36 x 48	900 x 1200	20.5	2.8	27.8	31.8	14.4	141.4	0.625	16
36 x 60	900 x 1500	25.7	3.6	34.8	39.7	18.0	176.6	0.625	16
36 x 72	900 x 1828	33.0	4.6	44.7	51.1	23.2	227.3	0.625	16
39 x 60	1000 x 1500	30.1	4.2	40.8	43.0	19.5	191.3	0.625	16
40 x 60	1016 x 1500	31.7	4.4	43.0	44.1	20.0	196.2	0.625	16

• Tested in accordance with PIANC guidelines.

• Constructed to US Navy specifications.



• Thick, tough filament nylon reinforced non-marking urethane skin

ENHANCED CAPACITY

Fender Size		Energy Absorption (60% Compression)			Reaction Force (When EA is Achieved)			Hardware Shackle Size	
English	Metric	ft-kips	ton-m	kN-m	kips	tons	kN	inches	mm
Ø [in] x L [in]	Ø [m] x L [m]								
16 x 24	400 x 600	2.8	0.4	3.8	9.7	4.4	43.2	0.5	13
16 x 36	400 x 900	4.3	0.6	5.8	14.5	6.6	64.5	0.5	13
18 x 36	457 x 900	5.2	0.7	7.0	15.8	7.2	70.4	0.5	13
20 x 36	500 x 900	6.7	0.9	9.0	18.1	8.2	80.5	0.5	13
20 x 39	500 x 1000	6.9	1.0	9.4	19.0	8.6	84.6	0.5	13
20 x 48	500 x 1200	8.5	1.2	11.5	23.4	10.6	104.1	0.5	13
22 x 48	558 x 1200	10.2	1.4	13.9	25.8	11.7	114.8	0.5	13
24 x 36	600 x 900	9.0	1.3	12.3	20.9	9.5	92.9	0.5	13
24 x 48	600 x 1200	12.1	1.7	16.4	27.7	12.5	123.0	0.5	13
32 x 50	800 x 1270	22.5	3.1	30.5	39.1	17.7	173.9	0.625	16
36 x 48	900 x 1200	27.3	3.8	37.0	42.3	19.2	188.1	0.625	16
36 x 60	900 x 1500	34.2	4.7	46.3	52.8	24.0	234.9	0.625	16
36 x 72	900 x 1828	43.9	6.1	59.5	68.0	30.8	302.3	0.625	16
39 x 60	1000 x 1500	40.0	5.5	54.3	57.2	25.9	254.4	0.625	16
40 x 60	1016 x 1500	42.2	5.8	57.2	58.7	26.6	260.9	0.625	16



• Heat laminated closed cell energy absorbing foam core.

STANDARD CAPACITY

Fender Size		Energy Absorption (60% Compression)			Reaction Force (When EA is Achieved)			Hardware Shackle Size	
English	Metric	ft-kips	ton-m	kN-m	kips	tons	kN	inches	mm
Ø [in] x L [in]	Ø [m] x L [m]								
16 x 24	400 x 600	3.5	0.5	4.7	12.2	5.5	54.1	0.5	13
16 x 36	400 x 900	5.3	0.7	7.2	18.2	8.2	80.8	0.5	13
18 x 36	457 x 900	6.5	0.9	8.8	19.8	9.0	88.2	0.5	13
20 x 36	500 x 900	8.3	1.1	11.3	22.7	10.3	100.8	0.5	13
20 x 39	500 x 1000	8.6	1.2	11.7	23.8	10.8	106.0	0.5	13
20 x 48	500 x 1200	10.6	1.5	14.4	29.3	13.3	130.5	0.5	13
22 x 48	558 x 1200	12.8	1.8	17.4	32.3	14.7	143.8	0.5	13
24 x 36	600 x 900	11.3	1.6	15.3	26.2	11.9	116.4	0.5	13
24 x 48	600 x 1200	15.1	2.1	20.5	34.7	15.7	154.2	0.5	13
32 x 50	800 x 1270	28.1	3.9	38.1	49.0	22.2	218.0	0.625	16
36 x 48	900 x 1200	34.1	4.7	46.2	53.0	24.0	235.7	0.625	16
36 x 60	900 x 1500	42.7	5.9	57.9	66.2	30.0	294.3	0.625	16
36 x 72	900 x 1828	54.9	7.6	74.4	85.2	38.6	378.8	0.625	16
39 x 60	1000 x 1500	50.0	6.9	67.9	71.7	32.5	318.8	0.625	16
40 x 60	1016 x 1500	52.7	7.3	71.5	73.5	33.3	326.9	0.625	16



• Pad eye end fittings internally connected with a chain.

• Hawse pipe and rope type end fittings also available.

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