

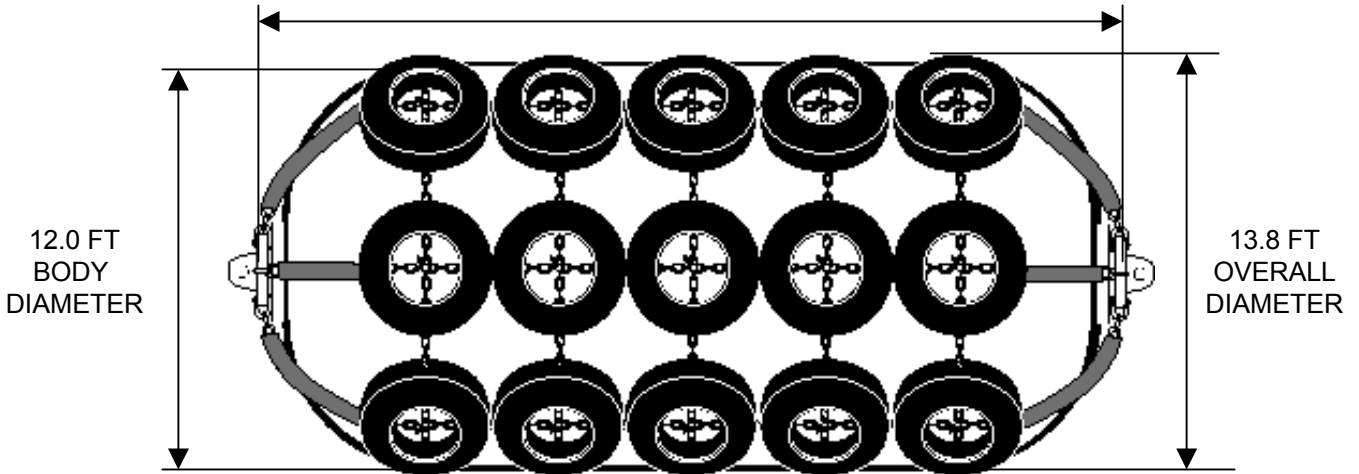


# Marine Cushion™ Foam-Filled Fender

## 12 ft. diameter x 24 ft. long

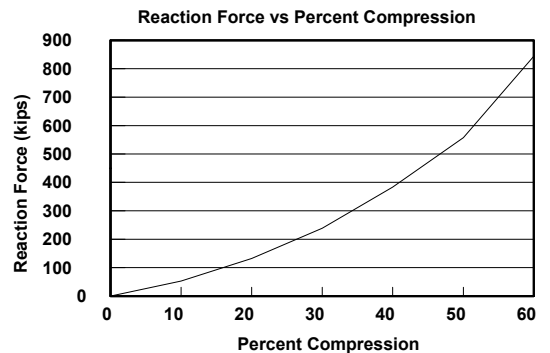
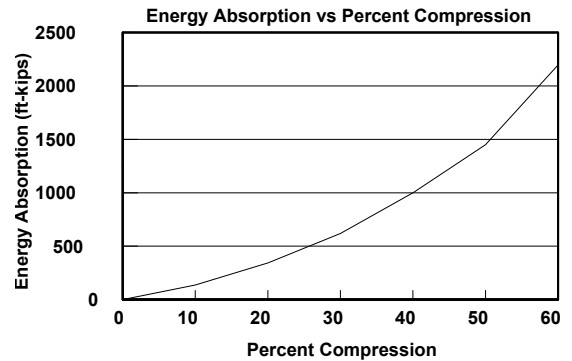
### Standard Capacity

24.0 FT LONG



FENDER SYSTEM  
NOT TO SCALE

12 Ft. DIAMETER x 24 Ft. LONG	English	Metric
<b>PERFORMANCE* (AT 60% COMPRESSION)</b>		
Energy absorption, ft-kip (ton-m)	2,196	304
Reaction force, kip (ton)	844	383
<b>DIMENSIONS AND WEIGHT</b>		
Body Diameter, ft (m)	12.0	3.7
Overall Diameter, ft (m)	13.83	4.22
Length, ft (m)	24.0	7.3
Skin thickness, in (mm)	1.0	25.0
Weight, lb. (kg)	25,025	11,375
Cube, ft <sup>3</sup> (m <sup>3</sup> )	5,037	143
<b>TECHNICAL DATA</b>		
Standoff distance:		
Maximum, ft (m)	13.8	4.2
At 60% compression, ft (m)	4.8	1.5
Safe working end-pull load, kip (kN)	70	311
<b>FOOTPRINT (AT 60% COMPRESSION)</b>		
Maximum width, ft (m)	12.6	3.8
Maximum length, ft (m)	25.2	7.7
Area, ft <sup>2</sup> (m <sup>2</sup> )	286	26.5
<b>RECOMMENDED SIZES OF MOUNTING HARDWARE</b>		
Chain, in (mm)	2.00	51
Shackles, in (mm)	2.00	51
Swivels, in (mm)	1.75	44



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, dimensional tolerances, temperature and speed of compression.