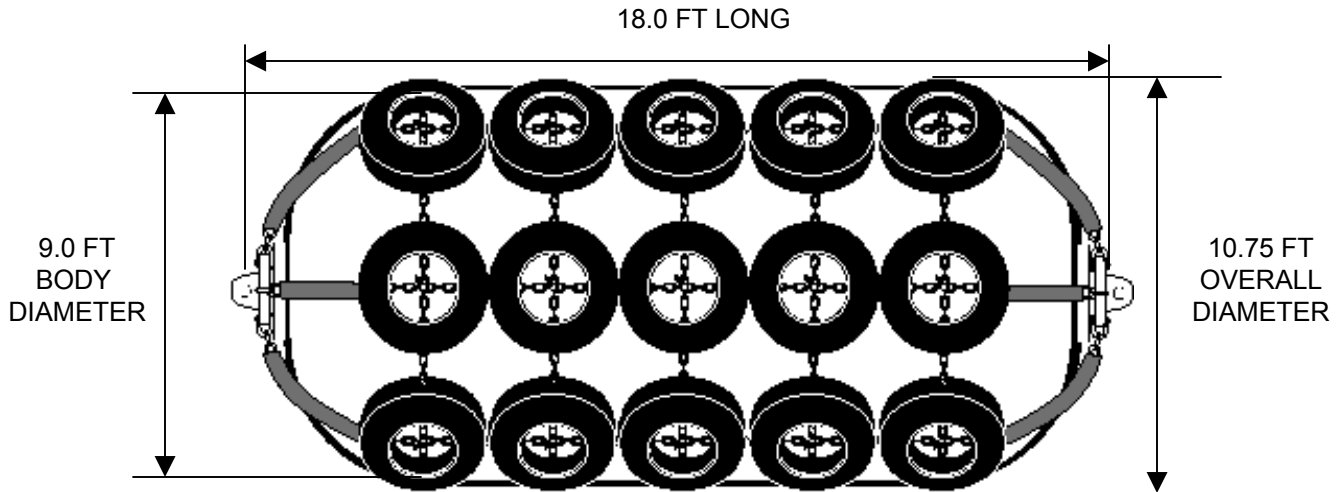
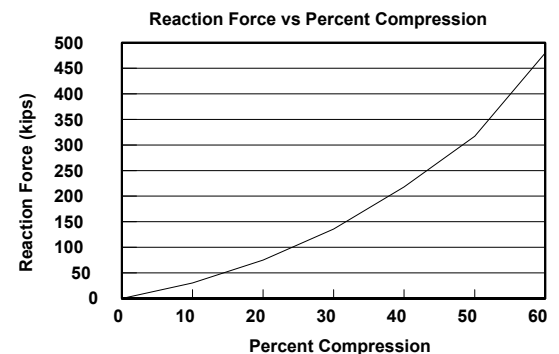
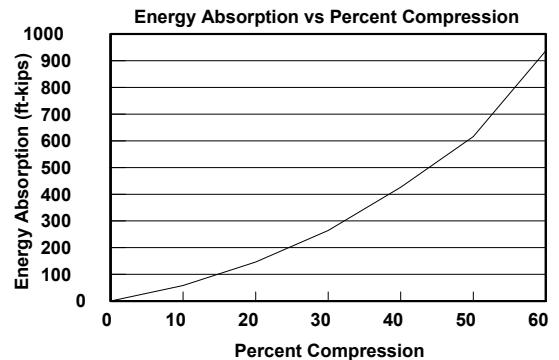


Marine Cushion™ Foam-Filled Fender 9 ft. diameter x 18 ft. long Standard Capacity



FENDER SYSTEM
NOT TO SCALE

9 Ft. DIAMETER x 18 Ft. LONG	English Metric	
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	937	130
Reaction force, kip (ton)	480	218
DIMENSIONS AND WEIGHT		
Body Diameter, ft (m)	9.0	2.75
Overall Diameter, ft (m)	10.75	3.3
Length, ft (m)	18.0	5.50
Skin thickness, in (mm)	0.6	15
Weight, lb. (kg)	12,214	5,552
Cube, ft ³ (m ³)	2,080	59
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	10.75	3.3
At 60% compression, ft (m)	3.6	1.1
Safe working end-pull load, kip (kN)	45	200
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	9.4	2.87
Maximum length, ft (m)	18.9	5.76
Area, ft ² (m ²)	161	14.9
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	1.50	38
Shackles, in (mm)	1.50	38
Swivels, in (mm)	1.50	38



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.