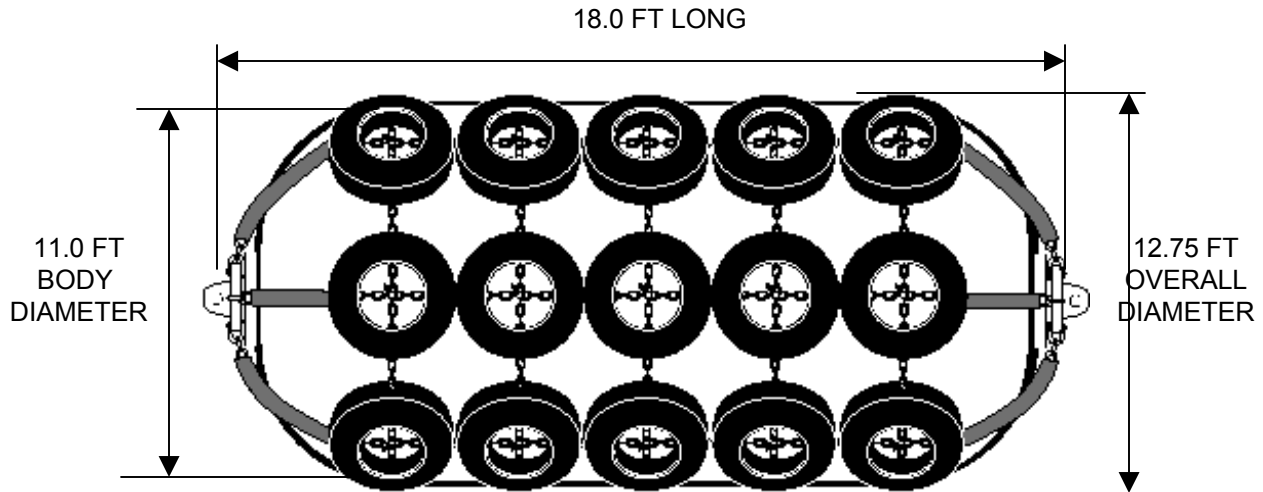




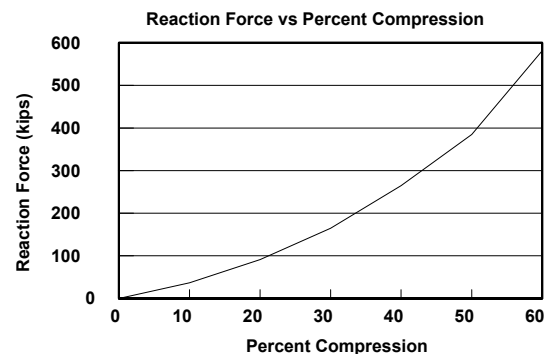
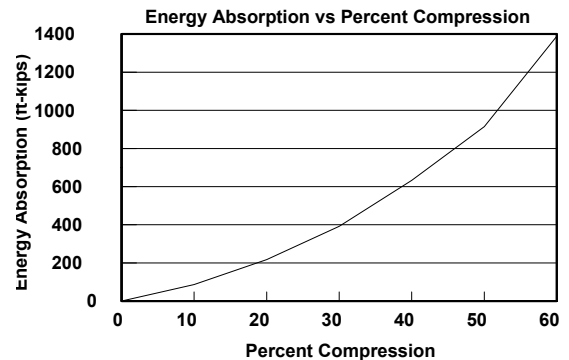
Marine Cushion™ Foam-Filled Fender

11 ft. diameter x 18 ft. long Standard Capacity



FENDER SYSTEM
NOT TO SCALE

11 Ft. DIAMETER x 18 Ft. LONG	English Metric	
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	1,389	192
Reaction force, kip (ton)	581	263
DIMENSIONS AND WEIGHT		
Body Diameter, ft (m)	11.0	3.35
Overall Diameter, ft (m)	12.75	3.9
Length, ft (m)	18.0	5.49
Skin thickness, in (mm)	0.8	20
Weight, lb. (kg)	16,182	7,356
Cube, ft ³ (m ³)	2,297	65.0
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	12.75	3.9
At 60% compression, ft (m)	4.4	1.3
Safe working end-pull load, kip (kN)	45	200
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	11.6	3.5
Maximum length, ft (m)	18.9	5.8
Area, ft ² (m ²)	196.4	18.2
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	1.75	44
Shackles, in (mm)	1.75	44
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.