

Floating Pneumatic Rubber Fender for Marine Dock

Floating pneumatic rubber fenders are designed for marine dock applications. These anti-aging and wear-resistant fenders offer high strength and corrosion resistance for durable performance.



Product Overview

Floating Pneumatic Rubber Fender

These floating pneumatic rubber fenders are essential for safe ship-to-dock and ship-to-ship mooring operations. Engineered to absorb high levels of kinetic energy during berthing, they effectively protect both vessel hulls and dock structures from impact damage. Their floating design allows them to automatically adjust to changing water levels and vessel profiles, ensuring consistent performance in diverse marine environments.

Technical Specifications

Initial Internal Pressure	50 Kpa
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Performance Data

Standard Sizes and Performance Ratings

Size (DxL m)	Energy Absorption (kJ)	Reaction Force (kN)
0.5x1.0	6	64
0.6x1.0	8	74
0.7x1.5	17	137
1.0x1.5	32	182
1.0x2.0	45	257
1.2x2.0	63	297
1.35x2.5	102	427
1.5x3.0	153	597
1.7x3.0	191	639
2.0x3.5	308	875
2.5x4.0	663	1381
2.5x5.5	943	2019
3.0x5.0	1210	2104
3.0x6.0	1485	2583
3.3x4.5	1175	1884
3.3x6.0	1675	2783
3.3x6.5	1814	3015
3.3x10.6	3067	5257
4.5x9.0	4752	5747
4.5x12.0	6473	7984

Key Features

Design Features

Floating Design, Reinforced Rubber Layers, Compressed Air Filling, Wear Resistant, Suitable for Harsh Marine Environments