

Floating Pneumatic Rubber Fenders

Performance of P50 Pneumatic Fender Standard Sizes:

Nominal Size Diameter x Length	Initial Internal Pressure	Guaranteed Energy Absorption (GEA)	Reaction Force at GEA	Hull Pressure at GEA	Safety Valve Setting	Testing Pressure
(mm x mm)	(kPa)	(kNm)	(kN)	(kPa)	(kPa)	(kPa)
500 x 1000	50	6	64	132	.	200
600 x 1000	50	8	74	126	.	200
700 x 1500	50	17	137	135	.	200
1000 x 1500	50	32	182	122	.	200
1000 x 2000	50	45	257	132	.	200
1200 x 2000	50	63	297	126	.	200
1350 x 2500	50	102	427	130	.	200
1500 x 3000	50	153	579	132	.	200
1700 x 3000	50	191	639	128	.	200
2000 x 3500	50	308	875	128	.	200
2500 x 4000	50	663	1381	137	175	250
2500 x 5500	50	943	2019	148	175	250
3300 x 4500	50	1175	1884	130	175	250
3300 x 6500	50	1814	3015	146	175	250
3300 x 10600	50	3067	5257	158	175	250
4500 x 9000	50	4752	5747	146	175	250
4500 x 12000	50	6473	7984	154	175	250

Performance of P80 Pneumatic Fender Standard Sizes:

Nominal Size Diameter x Length	Initial Internal Pressure	Guaranteed Energy Absorption (GEA)	Reaction Force at GEA	Hull Pressure at GEA	Safety Valve Setting	Testing Pressure
(mm x mm)	(kPa)	(kNm)	(kN)	(kPa)	(kPa)	(kPa)
500 x 1000	80	8	85	174	.	250
600 x 1000	80	11	98	166	.	250
700 x 1500	80	24	180	177	.	250
1000 x 1500	80	45	239	160	.	250
1000 x 2000	80	63	338	174	.	250
1200 x 2000	80	88	390	166	.	250
1350 x 2500	80	142	561	170	.	250
1500 x 3000	80	214	761	174	.	250
1700 x 3000	80	267	840	168	.	250
2000 x 3500	80	430	1150	168	.	250
2500 x 4000	80	925	1815	180	230	300
2500 x 5500	80	1317	2653	195	230	300
3300 x 4500	80	1640	2476	171	230	300
3300 x 6500	80	2532	3961	191	230	300
3300 x 10600	80	4281	6907	208	230	300
4500 x 9000	80	6633	7551	192	230	300