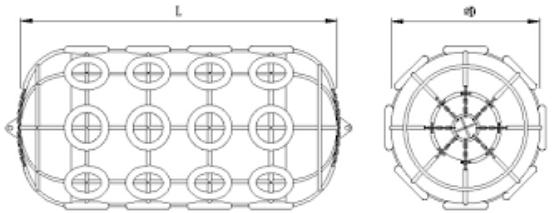
Technical Specs & Dimensions of Pneumatic - Yokohama type - Fender



50Kpa Pneumatic rubber fender:

Nominal Size		**Initial internal pressure**	**Guaranteed energy absorption**	**Reaction Force at GEA**	**Hull pressure at GEA**	**Safety value setting pressoure**	**Testing pressure**	**Approx. Fender body weight**	**Weight of net type(type I)**			**Weight of sling type (type II)**
Diameter x length			E	R	p				Approx. Weight of net			
									Chain net	Wire net	Synthetic fiber net	
(mm × mm)	(ft × ft)	(kPa)	(kNm)	(kN)	(kPa)	(kPa)	(kPa)	(kg)	(kg)	(kg)	(kg)	(kg)
500×1000	1.6×3	50	6	64	132	-	200	22	110	30	20	32
600×1000	2×3	50	8	74	126	-	200	25	120	30	22	36
700×1500	2.3×5	50	17	137	135	-	200	45	150	40	37	55
1000×1500	3×5	50	32	182	122	-	200	73	200	80	51	98
1000×2000	3×6.5	50	45	257	132	-	200	88	220	140	57	113
1200×2000	4×6.5	50	63	297	126	-	200	131	320	190	68	156
1350×2500	4.4×8	50	102	427	130	-	200	200	350	200	-	240
1500×3000	5×10	50	163	579	132	-	200	250	530	350	-	290
1700×3000	5.6×10	50	191	639	128	-	200	290	580	440	-	330
2000×3500	6.5×11.5	50	308	875	128	-	200	405	960	640	-	465
2500×4000	8×13	50	663	1381	137	175	250	902	1240	910	-	1080
2500×5500	8×18	50	943	2019	148	175	250	1090	1850	1160	-	1320
3300×4500	11×15	50	1175	1884	130	175	250	1460	1710	1270	-	1840
3300×6500	11×21	50	1814	3015	146	175	250	1870	2570	1910	-	2250
3300×10600	11×35	50	3067	5257	158	175	250	2560	4660	3300	-	3060
4500×9000	15×30	50	4752	5747	146	175	250	3940	5390	3620	-	-
4500×12000	15×40	50	6473	7984	154	175	250	4790	6990	5190	-	-

Custom size also available

80Kpa Pneumatic rubber fender:

Pneumatic 80 fender pressure

Nominal size diameter × length	Internal pressure		Minimum endurable pressure		Safety-valve pressure setting kPa	Test pressure at 0% deflection kPa
	at 0% deflection kPa	at 60% deflection kPa	at 0% deflection kPa	at 60% deflection kPa		
500×1000	80	174	480	609	-	250
600×1000	80	166	480	581	-	250
700×500	80	177	480	620	-	250
1000×1500	80	160	480	560	-	250
1000×2000	80	174	480	609	-	250
1200×2000	80	166	480	581	-	250
1350×2500	80	170	480	585	-	250
1500×3000	80	174	480	609	-	250
1700×3000	80	168	480	588	-	250
2000×3500	80	168	480	588	-	250
2500×4000	80	180	560	630	230	300
2500×5500	80	195	560	683	230	300
3300×4500	80	171	560	599	230	300
3300×3500	80	191	560	669	230	300
3300×10300	80	208	560	728	230	300
4500×9000	80	192	560	672	230	300
4500×12000	80	202	560	707	230	300

Pneumatic 80 fender size and performance

Nominal size Diameter × length mm	**Initial internal pressure kPa**	**Guaranteed energy absorption GEA**	**Reaction force at GEA deflection R**	**Hull pressure (internal pressure) at GEA deflection p**
		Minimum value at deflection 60±5% kJ	Tolerance±10% kN	Reference value kPa
500×1000	80	8	85	174
600×1000	80	11	98	166
700×1500	80	24	180	177
1000×1500	80	45	239	160
1000×2000	80	63	338	174
1200×2000	80	88	390	166
1350×2500	80	142	561	170
1500×3000	80	214	761	174
1700×3000	80	267	840	168
2000×3500	80	430	1150	168
2500×4000	80	925	1815	180
2500×5500	80	1317	2653	195
3300×4500	80	1640	2476	171
3300×6500	80	2532	3961	191
3300×10600	80	4281	6907	208
4500×9000	80	6633	7551	192
4500×12000	80	9037	10490	202

Custom size also available