

Pneumatic Fenders

The pneumatic fenders are fenders made up of rubber pressurized air pneumatic . They are ideal for semi-permanent and permanent utilisations in ports and vessel-to-vessel off shore transfers.

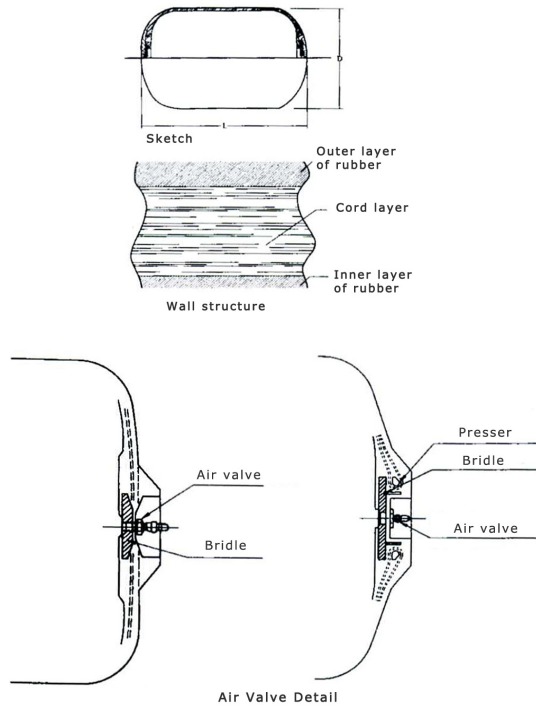
Pneumatic fenders are used in regions with very large tidal differences. It is possible to add a coating of chains and car tires to the fender, avoiding practically the contact with the fender, thereby increasing its durability.



FEATURES

- High energy absorption, low reaction force and surface pressure.
- No decrease the rate of energy absorption under any types of loading at any contact area.
- The low reaction force prevents damages to hull, quay, jetty and anchor chain caused by repeated collisions.
- Floatable, ideal for areas with large or small tides.
- Easy to deploy.
- High Standard quality stability.
- The extra layer on the surface protects the body against the abrasion.
- Proper cold-resistant performance.

Pneumatic Fenders



- Performance is subject to internal pressure and temperature.

- Ability to cover the pneumatic fender with tire and chains protection.

Specifications Ø x L	Deflection 60%		Safety Valve Setting	Test Pressure	Referente Weight				Weight of Sling (Tipo B)
	Reaction Force	Energy Absorption			Fender Buffer Weight	Weight of net			
						Chain	Wire	Synthetic Fiber	
mm	KN	KN-m	Kpa	Kg	Kg	Kg	Kg	Kg	
300 x 500	14	1	-	-	8	-	-	-	-
400 x 800	30	3	-	-	20	-	-	-	-
500 x 1000	54	5	-	145	25	-	30	20	32
600 x 1000	65	7	-	145	28	-	30	22	36
700 x 1.500	115	14	-	145	64	150	40	37	55
1.000 x 1.500	156	28	-	145	125	190	80	51	105
1.000 x 2.000	217	38	-	145	175	230	140	68	120
1.200 x 2.000	253	54	-	145	208	300	190	-	140
1.200 x 2.400	303	64	-	145	2.487	320	198	-	-
1.350 x 2.400	410	104	-	145	270	330	200	-	210
1.500 x 3.000	486	128	-	145	225	490	350	-	265
1.700 x 3.000	542	163	-	145	365	580	440	-	290
2.000 x 3.500	743	263	-	145	585	980	640	-	450
2.200 x 4.500	1,078	417	-	145	1,080	1,090	820	-	-
2.500 x 4.000	1,049	464	175	195	1,560	1,260	910	-	1,080
3.300 x 6.500	2,981	1,795	175	240	2,585	2,680	1,910	-	-
4.500 x 9.000	5,688	4,688	175	240	4,575	4,810	3,520	-	-

Initial Pressure: 0,04Mpa Tolerance: +/- 10%