



Hydropneumatic Fenders.

Characteristics

- ▶ Submerged contact area
- ▶ Low hull pressure
- ▶ Adjustable draft
- ▶ Movable

Applications

- ▶ Submarine Jetties
- ▶ Certain Ferry Types
- ▶ Oil Rigs

HYDROPNEUMATIC FENDER DIMENSIONS AND PERFORMANCE VALUES

Fender Size [mm]	Without water 60 % deflection		Filled with water 45 % deflection		
	Energy [kNm]	Reaction [kN]	Ratio water / air [%]	Energy [kNm]	Reaction [kN]
1,700 x 7,200	560	1,810	65 / 35	134	611
2,000 x 6,000	647	1,766	65 / 35	155	599
2,500 x 5,500	928	2,037	65 / 35	223	687
3,300 x 6,500	1,913	3,169	60 / 40	616	1,247
3,300 x 10,600	3,120	5,170	55 / 45	589	1,275

Standard tolerance of ± 10 %



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HYDROPNEUMATIC FENDER DRAWING WITH CUSTOMIZED SUBSTRUCTURE

