

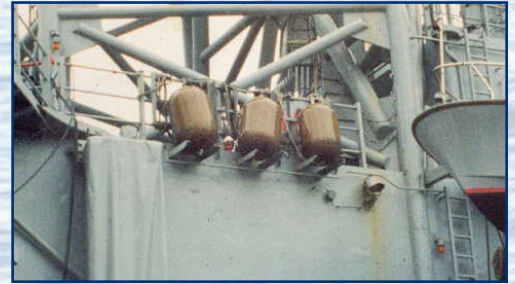
OCEAN GUARD™ Small Standard Duty Foam Filled Fender

Marine Fenders International, Inc. Ocean Guard™ Small Standard Duty (SSD) & Ocean Guard™ Small Standard Duty with Hawse Pipe fitting (SSD-HP) foam filled marine fenders are designed for quick and convenient use. SSD fenders compact sizes are ideal for the limited storage space available on board of Naval and Commercial Vessels. Their lightweight allows for easy installation and can be handled by one or two people.

OCEAN GUARD™ SMALL STANDARD DUTY (SSD)

SSD fenders are constructed in accordance with US Navy Technical Specifications. They are built with the same quality construction and materials as OCEAN GUARD™ fenders.

- Lightweight heat laminated closed cell resilient energy absorbing foam core
- Tough non-marking nylon Tire Cord reinforced urethane elastomeric skin
- Integral end fittings either stainless steel or galvanized
- Optional internal through chain



OCEAN GUARD™ SMALL STANDARD DUTY WITH HAWSE PIPE (SSD-HP)

SSD-HP fenders are constructed equivalent to our OCEAN GUARD™ Small Standard Duty (SSD) foam filled fenders, with the exception that they are constructed with a heavy duty thru pipe – Hawse pipe instead of pad eye end fittings.

- Standard denser heat laminated closed cell resilient energy absorbing foam core
- Tough non-marking nylon Tire Cord reinforced urethane elastomeric skin
- Hawse pipe (thru pipe) construction



SSD SMALL STANDARD DUTY FENDERS

LOW REACTION FOAM CORE - REINFORCED URETHANE SKIN - PAD EYE END FITTINGS - INTERNAL CHAIN OPTIONAL

MARINE FENDER SIZE	NATIONAL STOCK NUMBER	ENERGY ABSORPTION AT 60% COMPRESSION FT. POUNDS (TON-METER)	REACTION FORCE AT 60% COMPRESSION POUNDS (TONS)
16 in x 36 in (400 x 900 mm)	2040-00-821-0808	2,000 ft lbs - (0.28 ton-m)	10,500 lbs. (4.76 tons)
18 in x 38 in (457 x 965 mm)	N/A	2,400 ft-lbs - (0.33 ton-m)	11,000 lbs. (4.99 tons)
20 in x 36 in (508 x 900 mm)	N/A	2,900 ft-lbs (0.40 ton-m)	11,500 lbs. (5.21 tons)
20 in x 48 in (508 x 1200 mm)	N/A	3,850 ft-lbs (0.53 ton-m)	15,400 lbs. (6.99 tons)
24 in x 36 in (600 x 900 mm)	2040-00-807-4197	4,000 ft lbs - (0.55 ton - m)	16,000 lbs. (7.25 tons)
24 in x 48 in (600 x 1200 mm)	N/A	5400 ft lbs (0.75 ton-m)	21,300 lbs. (9.6 tons)
32 in x 50 in (800 x 1250 mm)	2040-00-128-7982	12,000 ft lbs - (1.66 ton - m)	30,000 lbs. (13.61 tons)
36 in x 48 in (900 x 1500 mm)	N/A	17,600 ft lbs - (2.4 ton-m)	26,400 lbs. (12 tons)
36 in x 60 in (900 x 1500 mm)	N/A	22,000 ft lbs - (3.0 ton-m)	33,000 lbs. (15 tons)
36 in x 72 in (900 x 1828 mm)	N/A	25,600 ft lbs (3.54 ton-m)	38,500 lbs. (17.46 tons)

SSD-HP SMALL STANDARD DUTY - HAWSE PIPE FENDERS

STANDARD CAPACITY FOAM CORE - REINFORCED URETHANE SKIN - HAWSE PIPE THRU FITTING

24 in x 48 in (600 x 1200 mm)	N/A	11 ft-kips (1.5 ton-m)	20 kips (9 tons)
28 in x 60 in (700 x 1500 mm)	N/A	19 ft-kips (2.6 ton-m)	30 kips (14 tons)
32 in x 56 in (800 x 1422 mm)	N/A	31 ft-kips (4.3 ton-m)	45 kips (20 tons)
36 in x 60 in (900 x 1500 mm)	N/A	32 ft-kips (4.3 ton-m)	45 kips (20 tons)
40 in x 60 in (1000 x 1500 mm)	N/A	35 ft-kips (2.6 ton-m)	39 kips (18 tons)

Actual values for all sizes may vary plus or minus 15% from stated values due to variations in material properties, dimensional tolerances, temperature and speed of compression.