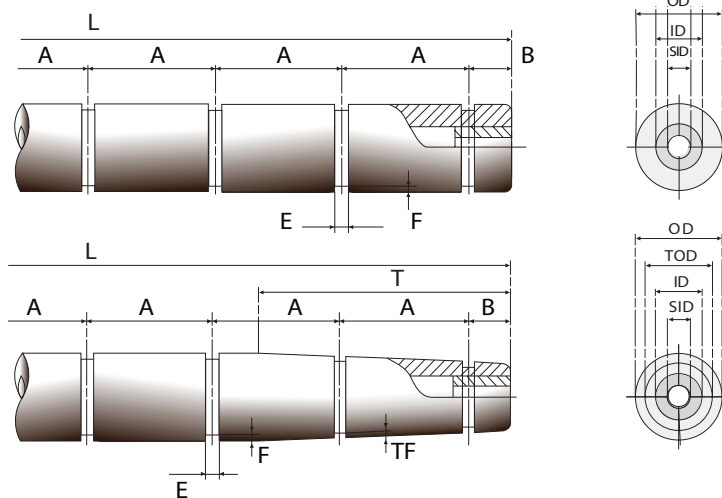
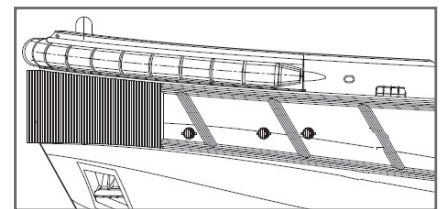


Cylindrical Tug Fenders

Cylindrical Tug fenders are designed for bow mounting. These fenders have the flexibility to fit firmly onto rounded bows.

Very rugged in constructions, these fenders are ideally suited to protect multi-purpose vessels, tugs, ice breakers, supply vessels and other similar vessel types.



	L	OD											
		250	300	350	400	500	600	700	800	900	1,000	1,100	1,200
B A	4,000	$\frac{145}{530}$	$\frac{145}{530}$	$\frac{180}{520}$	$\frac{250}{700}$	$\frac{250}{700}$	$\frac{250}{700}$	$\frac{350}{660}$	$\frac{400}{640}$	$\frac{425}{1,050}$	$\frac{425}{1,050}$	$\frac{425}{1,050}$	$\frac{425}{1,050}$
	5,000	$\frac{115}{530}$	$\frac{160}{520}$	$\frac{190}{650}$	$\frac{225}{650}$	$\frac{225}{650}$	$\frac{225}{650}$	$\frac{350}{860}$	$\frac{400}{840}$	$\frac{400}{840}$	$\frac{400}{840}$	$\frac{400}{840}$	$\frac{400}{840}$
	6,000	$\frac{140}{520}$	$\frac{140}{520}$	$\frac{210}{620}$	$\frac{210}{620}$	$\frac{210}{620}$	$\frac{210}{620}$	$\frac{340}{760}$	$\frac{375}{750}$	$\frac{450}{1,020}$	$\frac{450}{1,020}$	$\frac{450}{1,020}$	$\frac{450}{1,020}$
	7,000	$\frac{120}{520}$	$\frac{145}{610}$	$\frac{200}{600}$	$\frac{200}{600}$	$\frac{260}{720}$	$\frac{260}{720}$	$\frac{350}{700}$	$\frac{385}{890}$	$\frac{385}{890}$	$\frac{385}{890}$	$\frac{400}{1,240}$	$\frac{400}{1,240}$
	8,000	$\frac{100}{520}$	$\frac{165}{590}$	$\frac{165}{590}$	$\frac{205}{690}$	$\frac{260}{680}$	$\frac{260}{680}$	$\frac{355}{810}$	$\frac{400}{800}$	$\frac{400}{800}$	$\frac{430}{1,020}$	$\frac{430}{1,020}$	$\frac{430}{1,020}$
	9,000	$\frac{165}{510}$	$\frac{150}{580}$	$\frac{150}{580}$	$\frac{210}{660}$	$\frac{210}{660}$	$\frac{275}{650}$	$\frac{320}{760}$	$\frac{360}{920}$	$\frac{405}{910}$	$\frac{405}{910}$	$\frac{405}{1,170}$	$\frac{405}{1,170}$
	10,000	$\frac{155}{510}$	$\frac{155}{570}$	$\frac{155}{570}$	$\frac{200}{640}$	$\frac{200}{640}$	$\frac{255}{730}$	$\frac{325}{850}$	$\frac{380}{840}$	$\frac{410}{1,020}$	$\frac{410}{1,020}$	$\frac{410}{1,020}$	$\frac{410}{1,020}$
	11,000	$\frac{145}{510}$	$\frac{180}{560}$	$\frac{180}{560}$	$\frac{230}{620}$	$\frac{230}{620}$	$\frac{250}{700}$	$\frac{300}{800}$	$\frac{300}{800}$	$\frac{440}{920}$	$\frac{440}{920}$	$\frac{415}{1,130}$	$\frac{415}{1,130}$
	12,000	$\frac{135}{510}$	$\frac{225}{550}$	$\frac{205}{610}$	$\frac{220}{680}$	$\frac{220}{680}$	$\frac{220}{680}$	$\frac{300}{760}$	$\frac{410}{860}$	$\frac{445}{1,010}$	$\frac{445}{1,010}$	$\frac{445}{1,010}$	$\frac{445}{1,010}$
	13,000	$\frac{125}{510}$	$\frac{175}{550}$	$\frac{200}{600}$	$\frac{230}{660}$	$\frac{230}{660}$	$\frac{295}{730}$	$\frac{350}{820}$	$\frac{350}{820}$	$\frac{390}{940}$	$\frac{390}{940}$	$\frac{450}{1,100}$	$\frac{450}{1,100}$
ID		125	150	175	200	250	300	350	400	450	500	550	600
SID		60	75	75	90	90	100	100	100	100	150	150	150
E		50	50	50	50	60	60	60	70	70	80	90	100
F		12	18	18	18	24	30	36	42	42	48	54	60
TOD	4 – 6 m ^L	200	225	260	300	375	450	525	600	675	750	850	900
	7 – 13 m ^L	230	255	290	330	405	500	575	650	725	820	920	970
TF		6	12	12	18	24	30	36	42	42	48	54	60
T	4 – 5 m ^L	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	6 – 13 m ^L	1,000	1,000	1,250	1,250	1,250	1,500	1,500	1,500	1,500	1,500	2,000	2,000