

PNEUMATIC FENDERS



ST PNEUMATIC FENDER PERFORMANCE TABLE

SPF-50P

INTERNAL INITIAL PRESSURE: 50 kPa

FENDER SIZE (mmD x mmL)	ENERGY ABSORPTION (kN-m)	REACTION FORCE (kN)	HULL PRESSURE AT 60% DEF. (kN/m ²)	APPROX. FENDER THICKNESS (mm)	SAFETY VALVE PRESSURE SETTING (kPa)	TESTING PRESSURE (kPa)	WEIGHT OF FENDER BODY (kg)	WEIGHT OF CHAIN & TIRE NET (kg)
300 x 600	0.5	24	134	9	—	200	15	—
500 x 800	4.9	52	130	12	—	200	18	—
500 x 1000	6.3	67	134	12	—	200	36	—
600 x 1000	8.8	78	130	12	—	200	45	—
600 x 1200	10.7	95	132	12	—	200	52	—
700 x 1500	18.7	142	136	13	—	200	85	140
800 x 1500	23.7	158	132	13	—	200	90	148
1000 x 1500	35.5	189	126	14	—	200	110	160
1000 x 2000	50.1	267	134	14	—	200	140	171
1200 x 2000	69.4	308	129	14	—	200	175	236
1200 x 3000	109	482	134	14	—	200	270	520
1350 x 2500	111	439	130	15	—	200	275	470
1500 x 2500	135	479	128	15	—	200	280	490
1500 x 3000	168	596	133	15	—	200	310	690
1500 x 4000	229	815	136	15	—	200	370	900
1700 x 3000	210	658	129	16	—	200	365	720
1700 x 7200	516	1621	133	16	—	200	780	1600
2000 x 3000	282	752	126	17	—	200	490	920
2000 x 3500	336	896	128	17	—	200	520	950
2000 x 6000	611	1631	136	18	—	200	890	1900
2500 x 4000	660	1409	141	19	175	250	920	1300
2500 x 5500	961	2051	149	19	175	250	1200	1550
2500 x 9100	1631	3482	153	20	175	250	1950	2880
3000 x 5000	1136	2021	135	22	175	250	1740	2650
3300 x 4500	1188	1921	130	22	175	250	1710	2200
3300 x 6500	1915	3097	145	22	175	250	2300	2800
3300 x 10600	3338	5398	155	22	175	250	3320	4630
4500 x 7000	3792	4497	143	24	175	250	3350	4430
4500 x 9000	4960	5883	146	24	175	250	4360	4850

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