

Cylindrical Fenders

PsG Cylindrical Fenders are a commonly used type and recommended for all types of applications to ensure a safe and linear berthing to a variety of vessels.

Their simple design and ease of installation makes them a cost effective, long lasting solution for many dock applications that service a variety of vessel sizes.

They are simple to install and operate which makes these units an economical solution for remote locations and for multi user berths where vessel types cannot always be predicted.

Cylindrical fenders can be fixed to many types of structures and attached in several different ways.

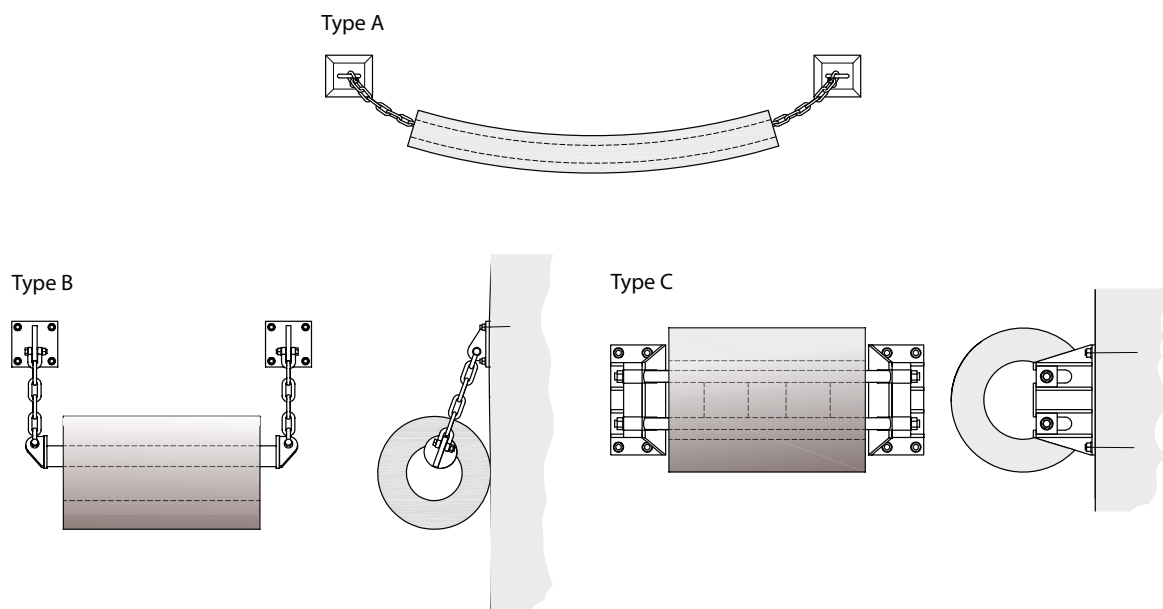
Key performance characteristics include:

- ▶ Good energy absorption properties
- ▶ Simple and easy installation
- ▶ Can be used for a number of vessel types and quay wall structures
- ▶ Sturdy and dependable construction



Cylindrical Fenders

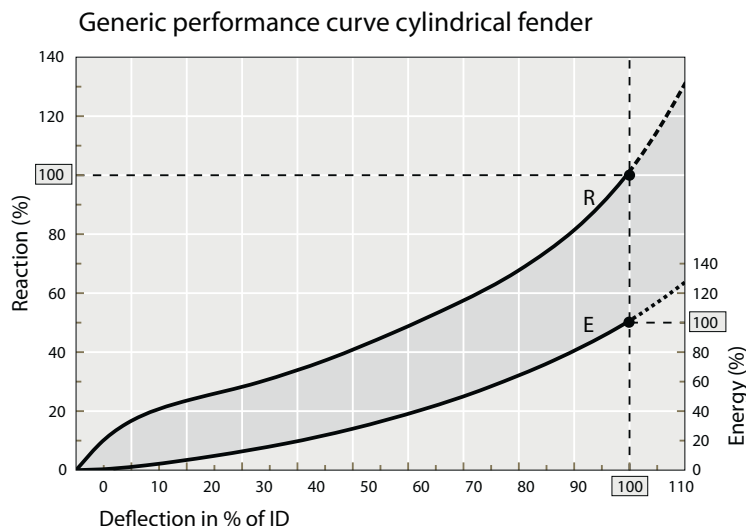
Cylindrical Fenders



Specification	Outer diam.	Inner diam.	Fastening details		Weight per m	Type of installation
cylindrical			Chain	Shackle		
CYL-100	100	50	14	16	7,2	A
CYL-125	125	65	14	16	11	
CYL-150	150	75	16	16	16,3	
CYL-200	200	100	18	19	29	
CYL-250	250	125	20	22	45,3	
CYL-300	300	150	24	28	65,2	
CYL-350	350	175	28	28	90	
CYL-380	380	190	28	35	105,5	
CYL-400	400	200	28	35	116	
CYL-500	500	250	32	38	181	
CYL-600	600	300	35	44	255	B & C
CYL-700	700	350	*24	*28	361	
CYL-800	800	400	*24	*28	453	
CYL-900	900	450	*25	*30	596	
CYL-1000	1000	500	*28	*35	707	
CYL-1100	1100	550	*28	*35	890	
CYL-1200	1200	600	*28	*35	1018	
CYL-1300	1300	650	*34	*38	1244	C
CYL-1400	1400	700	*38	*44	1420	
CYL-1500	1500	750			1650	
CYL-1600	1600	800			1884	
CYL-1700	1700	850			2127	
CYL-1800	1800	900			2384	
CYL-1900	1900	950			2657	
CYL-2000	2000	1000			2944	

*The dimensions are based on 1 meter fender length. units (mm, kg)
Please consult us by dimensions if longer lengths are required.

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Specification cylindrical	OD mm	ID mm	Energy absorption kNm*		Reactionforce kN*	
			Comp A	Comp B	Comp A	Comp B
CYL-100	100	50	0,85	0,53	46	29
CYL-125	125	65	1,44	0,9	57	38
CYL-150	150	75	2,26	1,5	72,6	44,1
CYL-200	200	100	4,2	2,6	95,1	59,8
CYL-250	250	125	6,5	4,1	120	74,6
CYL-300	300	150	9,4	5,9	143,2	89,2
CYL-350	350	175	12,8	8	167	104
CYL-380	380	190	14,9	9,4	172	109
CYL-400	400	200	16,6	10,4	191	119
CYL-500	500	250	26,2	16,1	239	148,1
CYL-600	600	300	37,3	23,5	286	178,5
CYL-700	700	350	50	31,4	334	208
CYL-800	800	400	65,7	41,2	382,5	237,4
CYL-900	900	450	84,3	52	430	267,8
CYL-1000	1000	500	103	63,8	479	297
CYL-1100	1100	550	128,5	77,2	528	331
CYL-1200	1200	600	152	95,2	574	363
CYL-1300	1300	650	179	108	623	392
CYL-1400	1400	700	207,5	127,5	670	422
CYL-1500	1500	750	238	147	718	451
CYL-1600	1600	800	282,4	176,4	776	481,1
CYL-1700	1700	850	338	205,8	823,8	510,8
CYL-1800	1800	900	465,6	246,9	871,7	540,5
CYL-1900	1900	950	486,7	288,1	919,6	570,2
CYL-2000	2000	1000	584	321	1053,8	653,4

*Above values stated per meter fender unit.
Tolerance +/- 10%