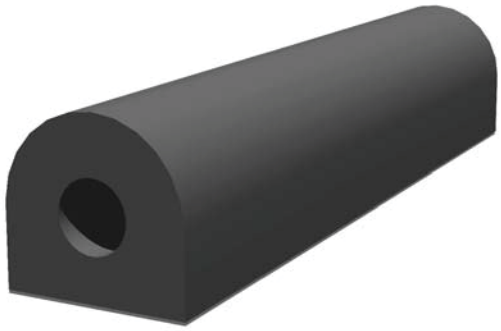
PortsuppliersGroup

Profile Fenders

Profile fenders are the most widely used fenders around the world due to its robust construction.

Profile fenders are mainly used in protecting small vessels and crafts, small jetties and wharfs. They can be mounted straight as well as in a curved form. The fenders are standard supplied in black. On request the fenders can also be supplied in the non-marking colors. Different dimensions can be produced upon request.

The profile fender can also be drilled in a number of ways to suit a varied number of mounting preferences.

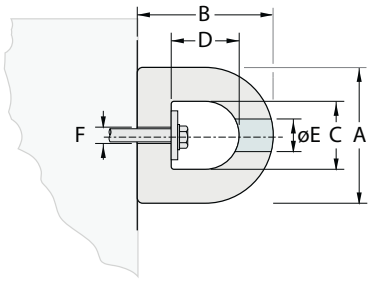


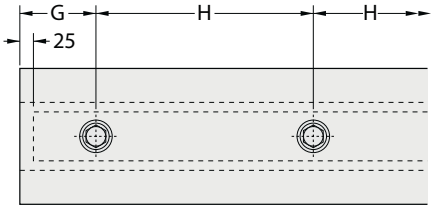
Application:

- quays
- wharfs
- boats- work crafts

Profile Fenders

DD Fenders

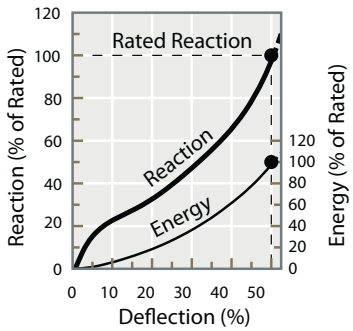




DD fender											Energy absorption	Reaction force
A	B	C	D	øE	øF	G	H	Flat steel	Bolt	weight/m	kNm/m	kN/m
100	100	50	45	30	15	90–130	200–300	40 × 5	M12	8,5	1,4	77
150	150	75	75	40	20	110–150	250–300	60 × 8	M16	18,5	3,2	115
200	200	100	100	50	25	130–180	300–400	80 × 10	M20	32,9	5,7	153
250	250	125	125	60	30	140–200	350–450	90 × 12	M24	51,5	8,9	191
300	300	150	150	60	30	140–200	350–450	110 × 12	M24	74,1	12,9	230
350	350	175	175	75	35	140–200	350–450	130 × 15	M30	101	17,6	268
400	400	200	200	75	35	140–200	350–450	150 × 15	M30	132	23	306
500	500	250	250	90	45	160–230	400–500	180 × 20	M36	206	35,9	383

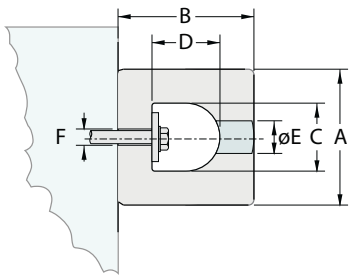
Units (mm, kg)

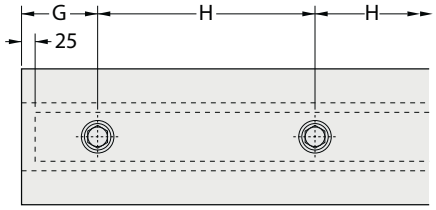
Values stated by 50 % deflection



DD Fenders

SD Fenders

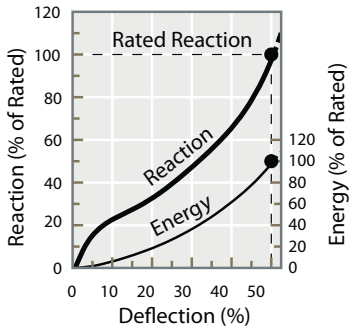




SD fender											Energy absorption	Reaction force
A	**B**	**C**	**D**	**øE**	**øF**	**G**	**H**	**Flat steel**	**Bolt**	**Weight/m**	**kNm/m**	**kN/m**
100	100	50	45	30	15	90–130	200–300	40 × 5	M12	10,0	2,7	136
150	150	70	65	40	20	110–150	250–300	50 × 8	M16	22,7	6,4	206
200	200	90	95	50	25	130–180	300–400	70 × 10	M20	39,8	11,3	275
250	250	120	120	60	30	140–200	350–450	90 × 12	M24	61,1	17,6	343
300	300	125	135	60	30	140–200	350–450	100 × 12	M24	92,0	25,5	412
350	350	175	180	75	35	140–200	350–450	130 × 15	M30	118	34,3	471
400	400	200	200	75	35	140–200	350–450	150 × 15	M30	153	45,2	589
500	500	250	250	90	45	160–230	400–500	180 × 20	M36	239	70,7	736

Units (mm, kg)

Values stated by 50 % deflection



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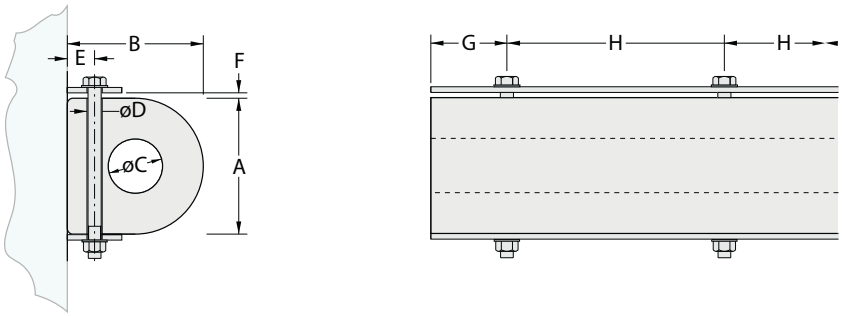
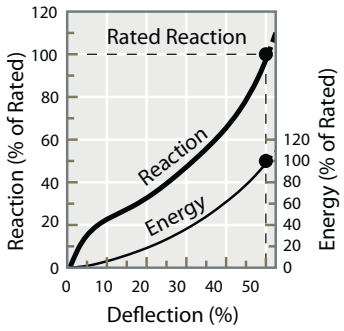
DC Fenders



DC fender											Energy absorption	Reaction force
A	B	øC	øD	E	F	G	H	Flat steel	Bolt	Weight/m	kNm / m	kN /m
100	100	30	15	25	10	90–130	200–300	50 × 6	M12	10,1	1,9	157
150	150	65	20	30	12	110–150	250–350	60 × 8	M16	20,6	4,2	235
200	200	75	25	45	15	130–180	300–400	80 × 10	M20	38,5	7,5	314
250	250	100	30	50	20	140–200	350–450	100 × 10	M24	59,0	11,7	392
300	300	125	30	60	25	140–200	350–450	110 × 12	M24	83,7	16,9	471
350	350	150	35	70	25	140–200	350–450	120 × 12	M30	113	22,9	549
400	400	200	35	80	30	140–200	350–450	130 × 15	M30	137	29,4	628
500	500	250	35	100	30	140–200	350–450	130 × 15	M36	214	46	785

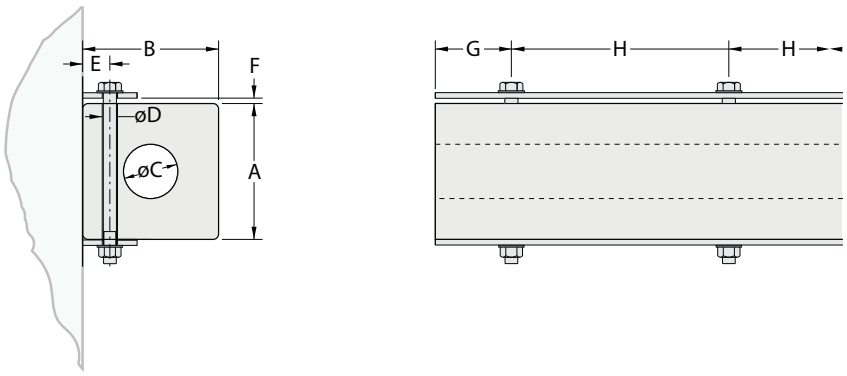
Units (mm, kg)

Values stated by 50 % deflection



DC Fenders

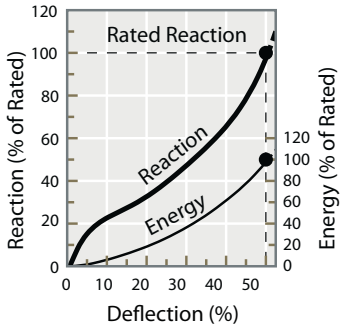
SC Fenders



SC fender											Energy absorption	Reaction force
A	B	ø C	ø D	E	F	G	H	Flat steel	Bolt	weigh/m	kNm/m	kN/m
100	100	30	15	25	10	90-130	200-300	50 x 6	M12	11,5	2,7	173
150	150	65	20	30	12	110-150	250-350	60 x 8	M16	23,5	6,4	259
200	200	100	25	40	15	130-180	300-400	80 x 10	M20	39,6	11,3	345
250	250	100	30	50	20	140-200	350-450	100 x 10	M24	67,2	17,7	431
300	300	125	30	60	25	140-200	350-450	110 x 12	M24	95,7	25,5	518
350	350	150	35	65	25	140-200	350-450	120 x 12	M30	126,2	34,3	604
400	400	200	35	70	30	140-200	350-450	130 x 15	M30	158	45,1	690
500	500	250	45	90	40	150-230	400-500	150 x 20	M36	248	70,5	863

Units (mm, kg)

Values stated by 50 % deflection



SC Fenders