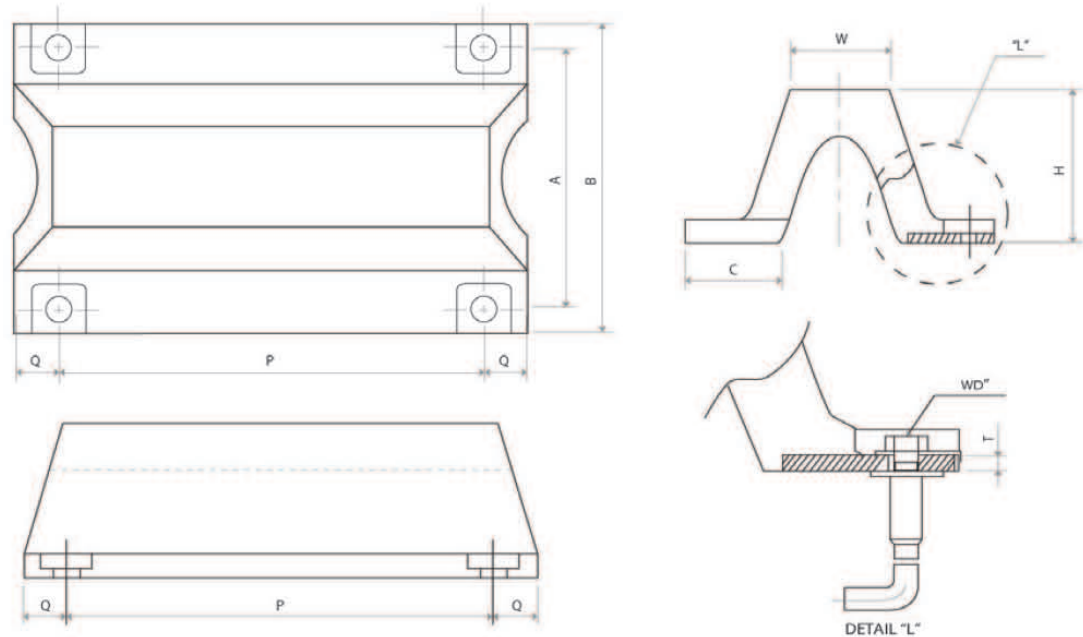
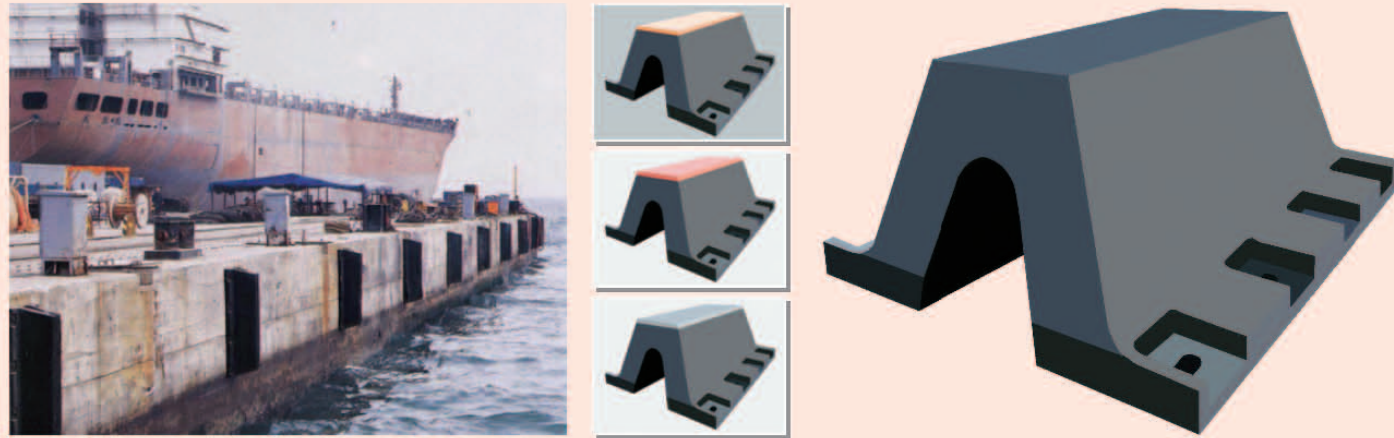


# Rubber Fenders

## OV Fender

OV Fender which has been designed as dock fender from the past, and it gives a solution that the protection for the vessel's hull and the structures of quay as the self-supporting.

OV Fender is used to protect the large scale quays.

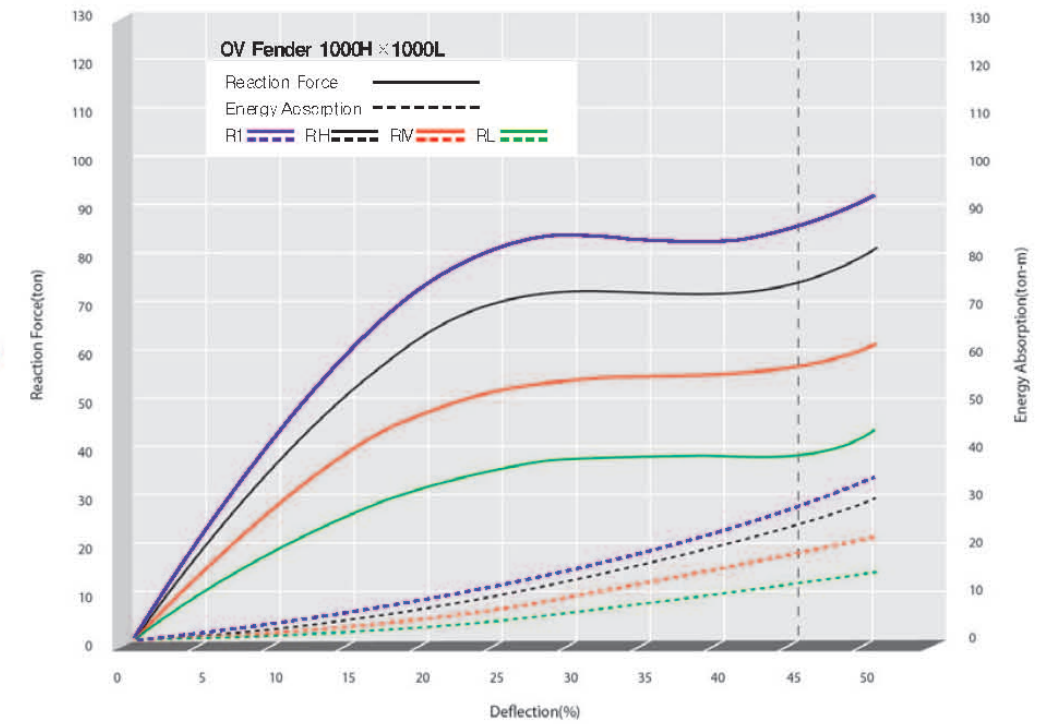


(Unit : mm)

Dimensions	WD'	A	B	C	T	W	1000L		1500L		2000L		2500L		3000L		3500L	
							P	Q	P	Q	P	Q	P	Q	P	Q	P	Q
150H	7/8	240	300	96	17	97.5	855	110	675×2	112.5	620×3	107.5	785×3	118	715×4	107.5	67×5	110
200H	1	320	400	128	17	130	860	120	680×2	120	620×3	120	785×3	127.5	715×4	120	672×5	120
250H	1 1/8	410	500	160	22	162.5	865	130	680×2	132.5	620×3	132.5	790×3	127.5	715×4	132.5	673×5	130
300H	1 1/4	490	600	192	23	195	870	140	685×2	140	625×3	137.5	790×3	140	715×4	145	674×5	140
400H	1 1/2	670	800	256	31	260	900	150	700×2	150	635×3	147.5	800×3	150	725×4	150		
500H	1 3/4	840	1000	320	34	330	930	160	715×2	160	645×3	157.5	810×3	160	730×4	165		
600H	2	1010	1200	384	40	395	960	170	730×2	170	655×3	167.5	820×3	170	740×4	170		
800H	1 1/2	1340	1600	512	45	525	1100	180	770×2	180	690×3	180	845×3	182.5	760×4	180		
1000H	2 1/2	1680	2000	640	49	655	1100	200	800×2	200	730×3	200	865×3	202.5	775×4	200	900×5	200

# Rubber Fenders

## Performance Curve



## OV Fender Performance Table

(Unit : mm)

Size		150H	200H	250H	300H	400H	500H	600H	800H	1000H
R1	R · F(ton)	13.0	18.0	22.0	26.0	35.0	43.0	52.0	69.0	86.0
	E · A(ton-m)	0.6	1.2	1.8	2.6	4.6	7.2	10.4	18.4	28.7
RH	R · F(ton)	11.0	15.0	19.0	23.0	30.0	38.0	45.0	60.0	75.0
	E · A(ton-m)	0.5	1.0	1.6	2.3	4.0	6.3	9.0	16.0	24.9
RM	R · F(ton)	9.0	12.0	14.0	17.0	23.0	29.0	34.0	46.0	57.0
	E · A(ton-m)	0.4	0.8	1.2	1.7	3.1	4.8	6.8	12.3	19.0
RL	R · F(ton)	6.0	8.0	10.0	12.0	16.0	19.0	23.0	31.0	38.0
	E · A(ton-m)	0.3	0.5	0.8	1.2	2.1	3.1	4.6	8.2	12.7

— R · F : Reaction Force(ton) — E · A : Energy Absorption(ton-m) — Tolerance : 10% — Deflection : 45%



Deflection 0%      Deflection 20%      Deflection 30%      Deflection 45%