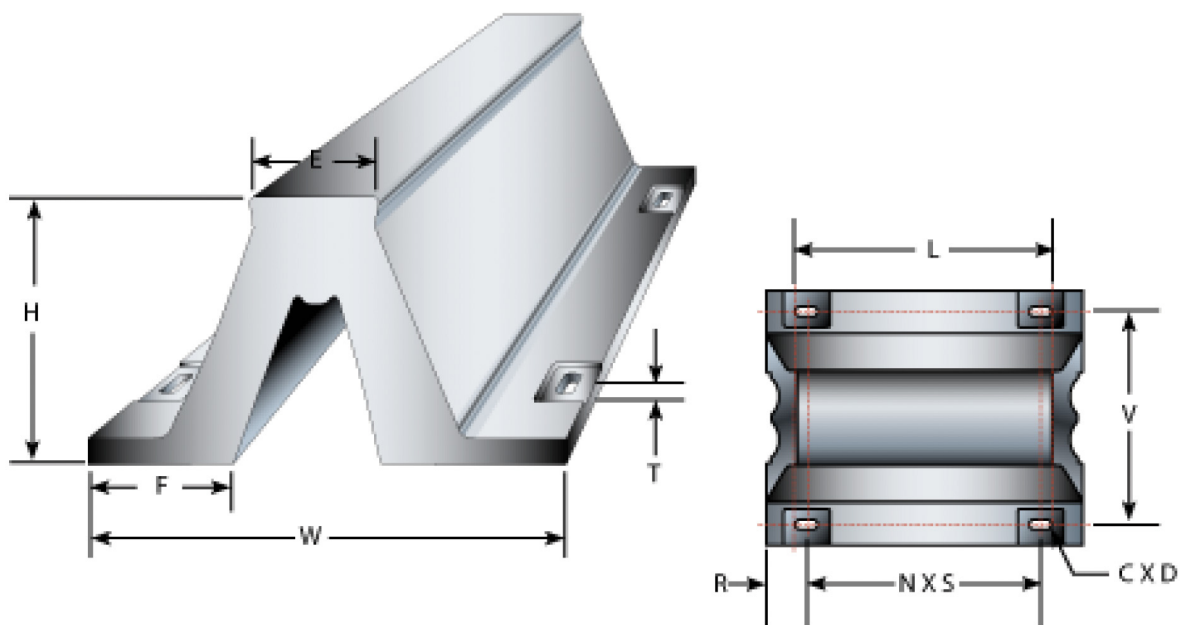


Arch fenders were introduced to improve upon the performance of cylindrical fenders. Arch fenders have a better Energy / Reaction force ratio and are recommended for all types of applications. Fendguard's arch type fender has been optimized for increased energy absorption compared to traditional arch fenders on the market. The major characteristics include:

- Very robust, durable and require low maintenance
- Provide high shear resistance in the longitudinal direction
- Very easy to install both vertically and horizontally
- Particularly useful for vessels with high allowable hull pressures and for locations where mounting space is limited
- Most suitable for Multi-Purpose-Terminals
- Can be supplied with bolted or bonded UHMW facings



Model	H	W	V	E	F	T	C x D	Bolt Size
Metric	800	1600	1340	600	520	45	68 x 136	M64
Imperial	31.5	63.0	52.8	23.6	20.5	1.77	2.68 x 5.35	M64

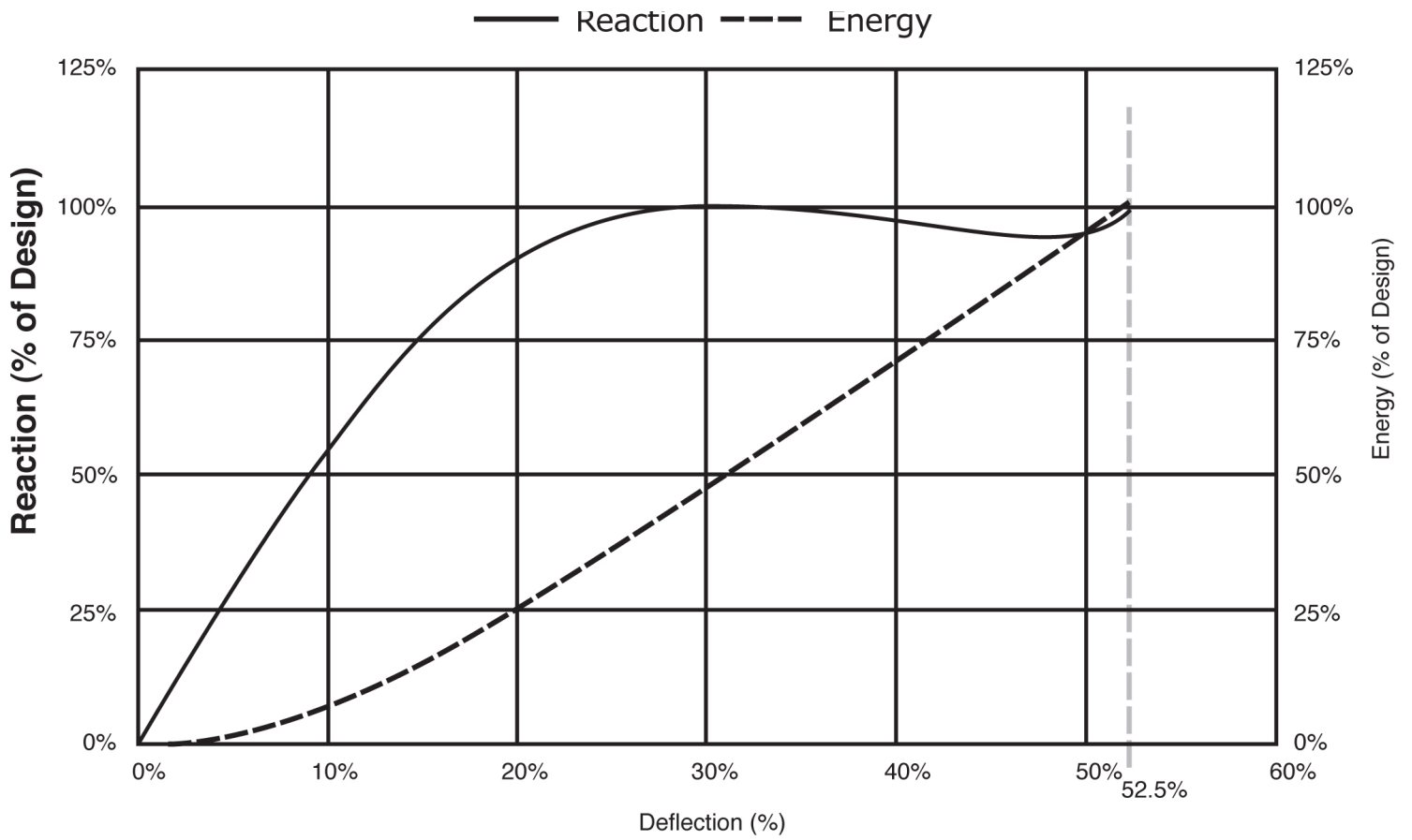
DIMENSIONS

AC-FG 800	1m / 3.28ft		1.5m / 4.29ft		2m / 6.56ft		2.5m / 8.2ft		3m / 9.84ft		3.5m / 11.48ft	
	R	N x S	R	N x S	R	N x S	R	N x S	R	N x S	R	N x S
Metric	180	1 x 1040	180	2 x 770	180	3 x 680	180	3 x 845	180	4 x 760		
Imperial	7.09	1 x 40.9	7.09	2 x 30.3	7.09	3 x 26.8	7.19	3 x 33.3	7.09	4 x 29.9		

STANDARD RUBBER GRADE PERFORMANCE								
AC-FG-800	G4		G3		G2		G1	
	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)
Metric	847	284	651	219	539	181	463	156
Imperial	190	209	146	161	121	133	104	115

INTERMEDIATE RUBBER GRADES Metric Units are in kN and kn-m Imperial units are in kips and ft-kips							
Grade	Reaction/Energy	Metric	Imperial	Grade	Reaction/Energy	Metric	Imperial
G1.1	R	471	106	G2.6	R	136	136
	E	159	117		E	204	150
G1.2	R	478	108	G2.7	R	617	139
	E	161	119		E	208	153
G1.3	R	486	109	G2.8	R	629	141
	E	164	120		E	211	156
G1.4	R	493	111	G2.9	R	640	144
	E	166	122		E	215	159
G1.5	R	501	113	G3	R	651	146
	E	169	124		E	219	161
G1.6	R	509	114	G3.1	R	671	151
	E	171	126		E	226	166
G1.7	R	516	116	G3.2	R	690	155
	E	171	128		E	232	171
G1.8	R	516	118	G3.3	R	710	160
	E	174	130		E	239	176
G1.9	R	531	119	G3.4	R	729	164
	E	179	132		E	245	181
G2	R	539	121	G3.5	R	749	168
	E	181	133		E	252	185
G2.1	R	550	124	G3.6	R	769	173
	E	185	136		E	258	190
G2.2	R	561	126	G3.7	R	788	177
	E	189	139		E	265	195
G2.3	R	573	129	G3.8	R	808	182
	E	192	142		E	271	200
G2.4	R	584	131	G3.9	R	827	186
	E	196	145		E	278	205
G2.5	R	595	134	G4	R	847	190
	E	200	147		E	284	209

GENERALIZED PERFORMANCE CURVE-ARCH FENDER



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