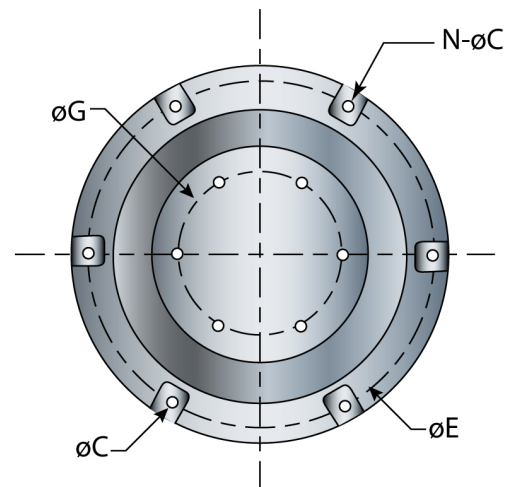
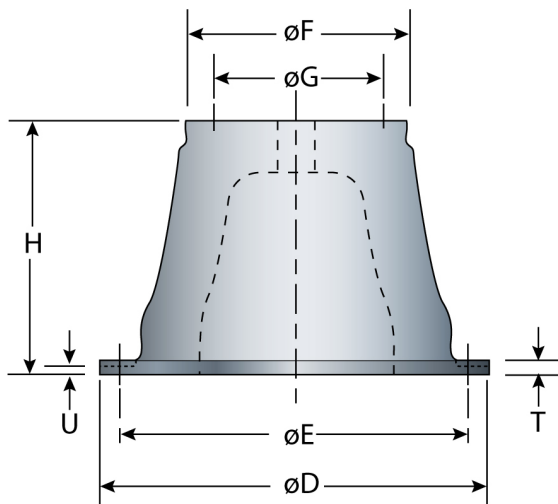


Cone fenders are an improved version of Cell type Fender recently introduced and recommended for all type of applications including high tidal variation sites. Fendguard's cone type fender has the highest energy to reaction ratios of any fender currently in use. Its refined geometry and conical shape result in a number of outstanding performance characteristics which include:

- Exceptionally good energy absorption to reaction force ratio (E/R)
- High efficiency for designs to incorporate smaller, less costly cone fenders instead of larger, less efficient rubber body
- Deflection of 70% of its height and provides great flexibility in its application to operators
- High shear stability which allows the fender to carry even larger panel weights without using chains
- Very good inherent resistance against shear forces due to its geometry and self-centering characteristics
- Typically utilized with a complete fender panel system, but can also be used within a pile support system



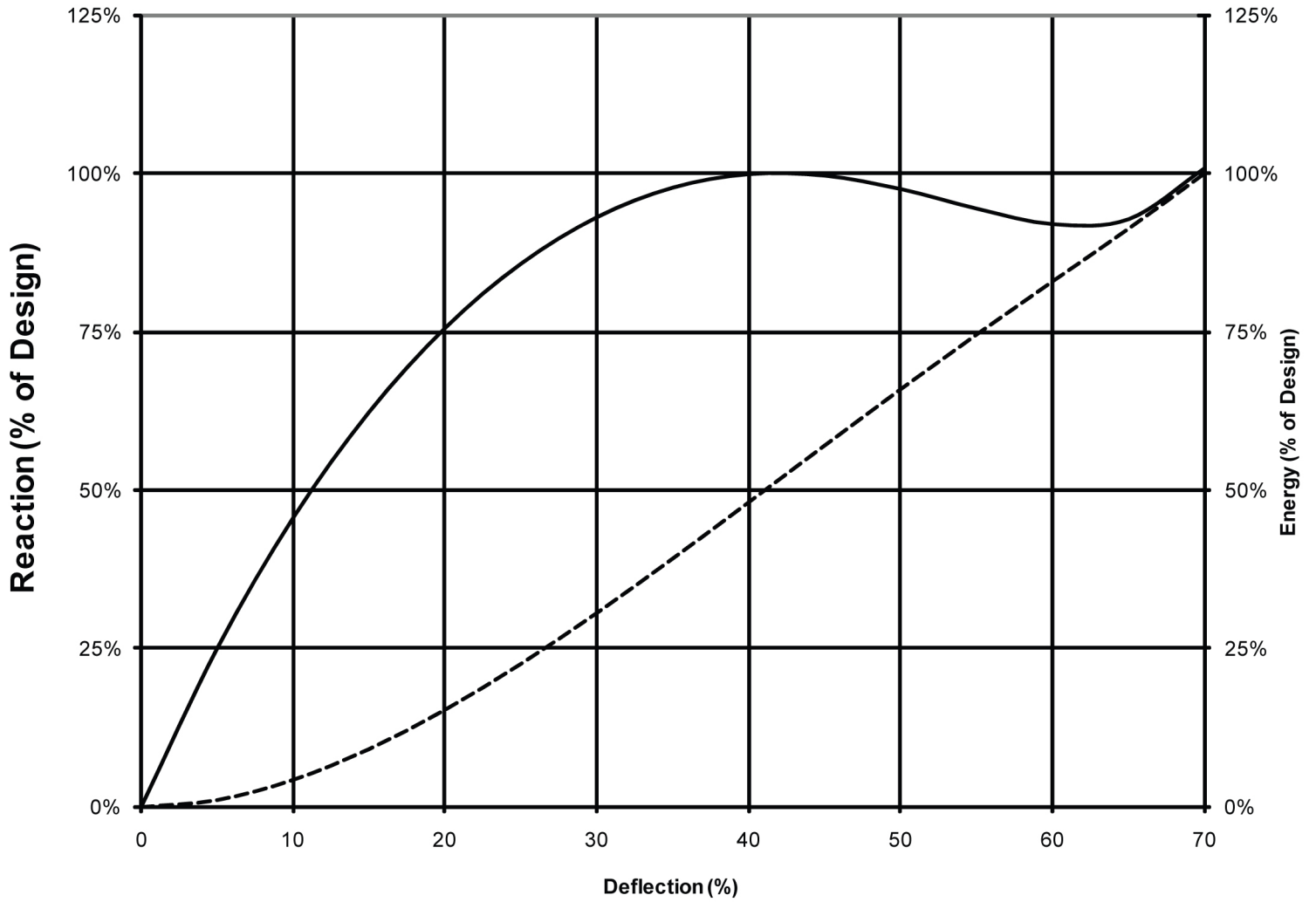
Model	H	ØD	ØE PCD	ØF	uG PCD	T	U	N - ØC	Bolt Size
Metric	800	1200	1080	680	520	36	29	6-44	M36
Imperial	31.5	47.2	42.5	26.8	20.5	1.42	1.14	6-1.73	M36

STANDARD RUBBER GRADE PERFORMANCE								
CN-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	785	333	628	267	502	224	402	179
Imperial	176	246	141	197	113	165	90.3	132

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
G0.7	R	372	83.6	G2.4	R	552	124
	E	166	122		E	241	178
G0.8	R	382	85.9	G2.5	R	565	127
	E	170	125		E	246	181
G0.9	R	392	88.1	G2.6	R	130	130
	E	175	129		E	250	184
G1	R	402	90.4	G2.7	R	590	133
	E	179	132		E	254	187
G1.1	R	412	92.6	G2.8	R	603	136
	E	184	135		E	258	191
G1.2	R	422	94.9	G2.9	R	615	138
	E	188	139		E	263	194
G1.3	R	432	97.1	G3	R	628	141
	E	193	142		E	267	197
G1.4	R	442	99.4	G3.1	R	644	145
	E	197	145		E	274	202
G1.5	R	452	102	G3.2	R	659	148
	E	202	149		E	280	207
G1.6	R	462	104	G3.3	R	675	152
	E	206	152		E	287	212
G1.7	R	472	106	G3.4	R	691	155
	E	211	155		E	293	216
G1.8	R	482	108	G3.5	R	707	159
	E	215	159		E	300	221
G1.9	R	492	111	G3.6	R	722	162
	E	220	162		E	307	226
G2	R	502	113	G3.7	R	738	166
	E	224	165		E	313	231
G2.1	R	515	116	G3.8	R	754	169
	E	228	168		E	320	236
G2.2	R	527	119	G3.9	R	769	173
	E	233	172		E	326	241
G2.3	R	540	121	G4	R	785	176
	E	237	175		E	333	246

GENERALIZED PERFORMANCE CURVE-CONE FENDER

— Reaction - - - Energy



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