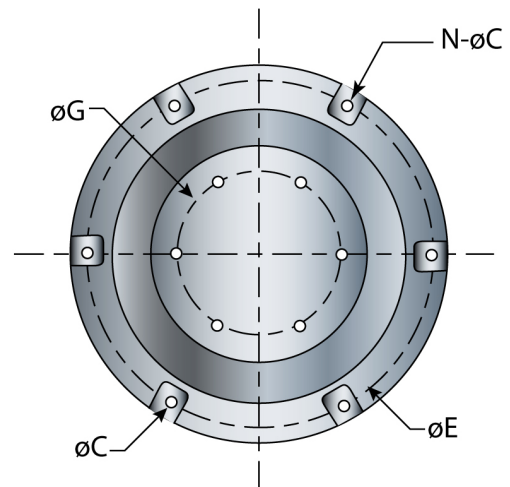
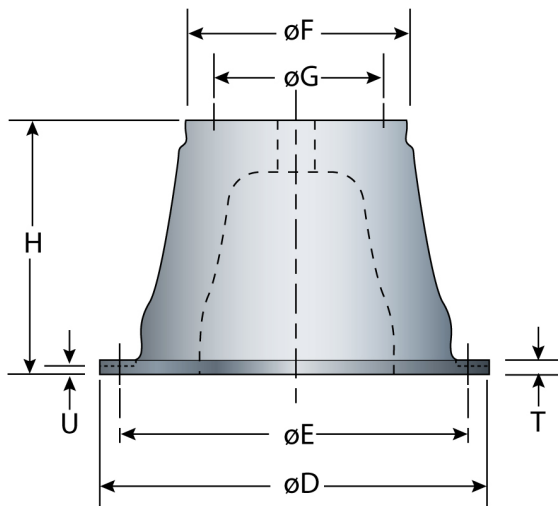


Cone fenders are an improved version of Cell type Fender recently introduced and recommended for all type of applications including high tidal variation sites. Fendguard's cone type fender has the highest energy to reaction ratios of any fender currently in use. Its refined geometry and conical shape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



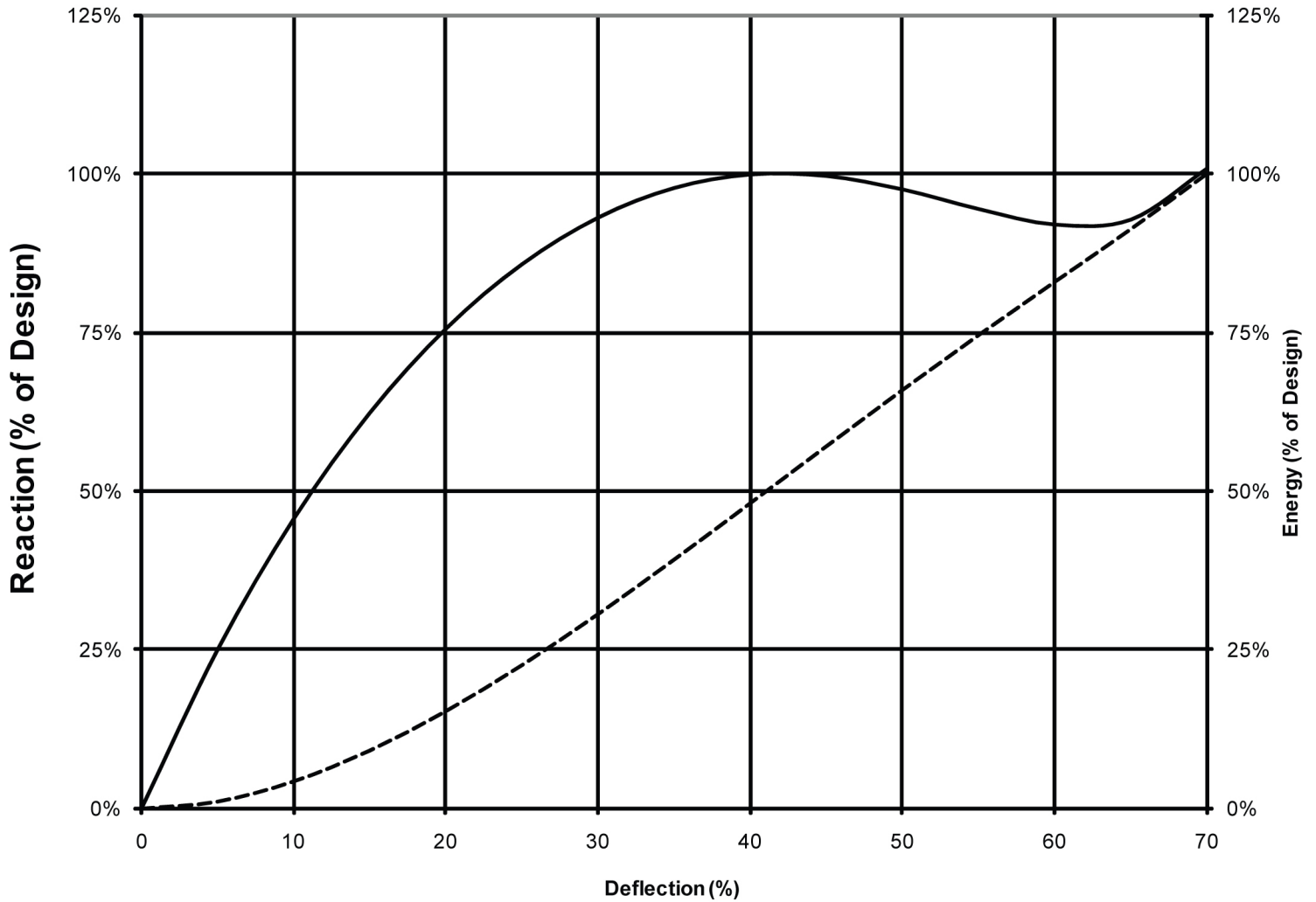
Model	H	ØD	ØE PCD	ØF	uG PCD	T	U	N - ØC	Bolt Size
Metric	700	1050	945	595	455	32	26	6-38	M30
Imperial	27.6	41.3	37.2	23.4	17.9	1.26	1.02	6-1.50	M30

STANDARD RUBBER GRADE PERFORMANCE								
CN-FG-700	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	601	223	481	179	384	150	308	120
Imperial	135	164	108	132	86.4	111	69.1	88.6

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	285	64.1	G2.4	R	423	95.0
	E	111	81.9		E	162	119
G0.8	R	293	65.8	G2.5	R	433	97.2
	E	114	84.1		E	165	121
G0.9	R	300	67.5	G2.6	R	99.4	99.4
	E	117	86.3		E	167	123
G1	R	308	69.2	G2.7	R	452	102
	E	120	88.5		E	170	126
G1.1	R	316	70.9	G2.8	R	462	104
	E	123	90.7		E	173	128
G1.2	R	323	72.7	G2.9	R	471	106
	E	126	92.9		E	176	130
G1.3	R	331	74.4	G3	R	481	108
	E	129	95.1		E	179	132
G1.4	R	338	76.1	G3.1	R	493	111
	E	132	97.4		E	183	135
G1.5	R	346	77.8	G3.2	R	505	114
	E	135	99.6		E	188	139
G1.6	R	354	79.5	G3.3	R	517	116
	E	138	102		E	192	142
G1.7	R	361	81.2	G3.4	R	529	119
	E	141	104		E	197	145
G1.8	R	369	82.9	G3.5	R	541	122
	E	144	106		E	201	148
G1.9	R	376	84.6	G3.6	R	553	124
	E	147	108		E	205	151
G2	R	384	86.3	G3.7	R	565	127
	E	150	111		E	210	155
G2.1	R	394	88.5	G3.8	R	577	130
	E	153	113		E	214	158
G2.2	R	403	90.7	G3.9	R	589	132
	E	156	115		E	219	161
G2.3	R	413	92.9	G4	R	601	135
	E	159	117		E	223	164

GENERALIZED PERFORMANCE CURVE-CONE FENDER

— Reaction - - - Energy



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