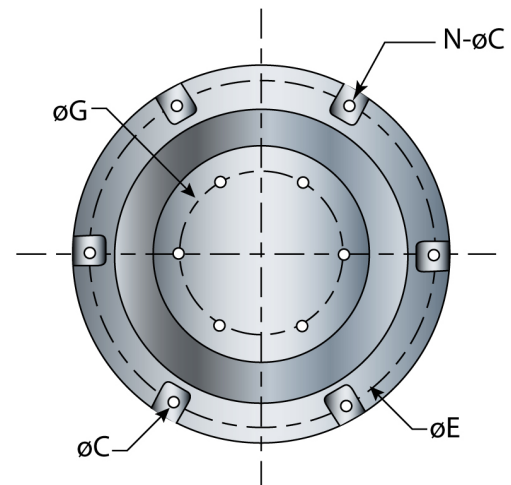
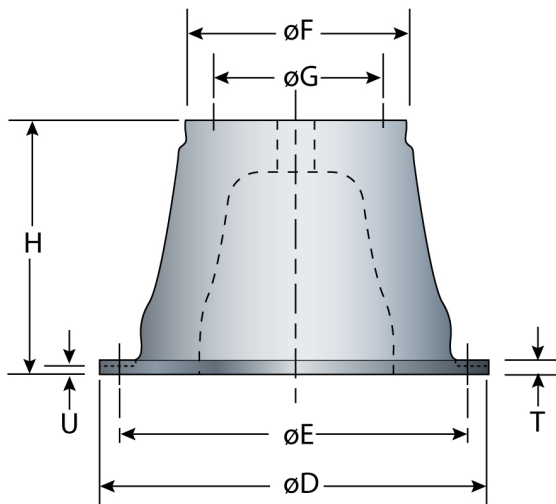


Cone fenders are an improved version of Cell type Fender recently introduced and recommended for all type of applications including high tidal variation sites. Fendguard's cone type fender has the highest energy to reaction ratios of any fender currently in use. Its refined geometry and conical shape 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	1150	1725	1550	998	750	52	42	6-50	M42
Imperial	45.3	67.9	61.0	39.3	29.5	2.05	1.65	6-1.97	M42

STANDARD RUBBER GRADE PERFORMANCE

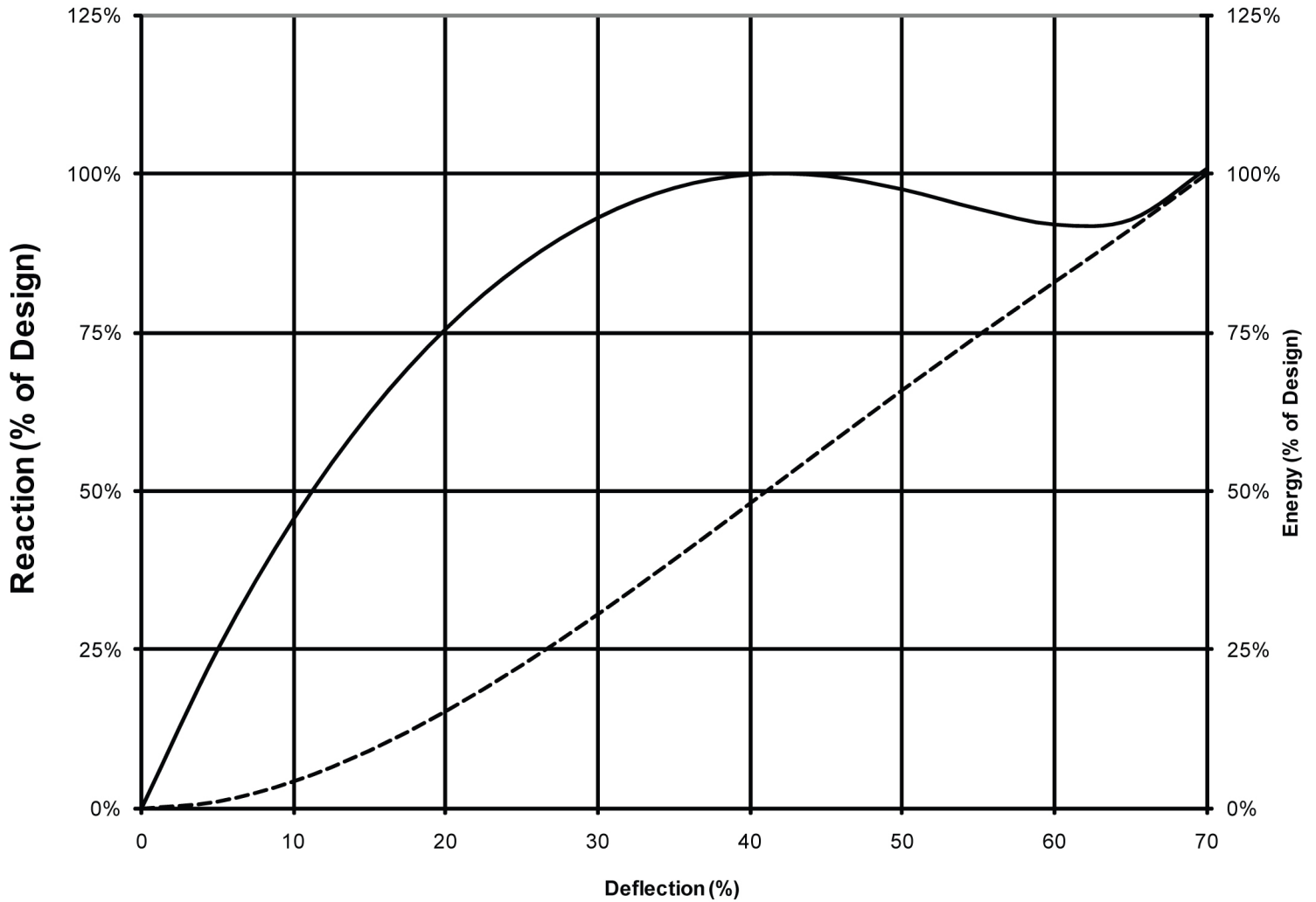
CN-FG-1150	G4		G3		G2		G1	
	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)
Metric	1621	989	1297	792	1038	665	830	532
Imperial	365	729	292	584	233	491	187	393

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	788	173	G2.4	R	1142	257
	E	492	363		E	716	528
G0.8	R	788	177	G2.5	R	1168	262
	E	505	373		E	729	537
G0.9	R	809	182	G2.6	R	268	268
	E	519	383		E	741	547
G1	R	830	187	G2.7	R	1219	274
	E	532	392		E	754	556
G1.1	R	851	191	G2.8	R	1245	280
	E	545	402		E	767	565
G1.2	R	872	196	G2.9	R	1271	286
	E	559	412		E	779	575
G1.3	R	892	201	G3	R	1297	292
	E	572	422		E	792	584
G1.4	R	913	205	G3.1	R	1329	299
	E	585	432		E	812	599
G1.5	R	934	210	G3.2	R	1362	306
	E	599	441		E	831	613
G1.6	R	955	215	G3.3	R	1394	313
	E	612	451		E	851	628
G1.7	R	976	219	G3.4	R	1427	321
	E	625	461		E	871	642
G1.8	R	996	224	G3.5	R	1459	328
	E	638	471		E	891	657
G1.9	R	1017	229	G3.6	R	1491	335
	E	652	481		E	910	671
G2	R	1038	233	G3.7	R	1524	343
	E	665	490		E	930	686
G2.1	R	1064	239	G3.8	R	1556	350
	E	678	500		E	950	700
G2.2	R	1090	245	G3.9	R	1589	357
	E	690	509		E	969	715
G2.3	R	1116	251	G4	R	1621	364
	E	703	519		E	989	729

GENERALIZED PERFORMANCE CURVE-CONE FENDER

— Reaction - - - Energy



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