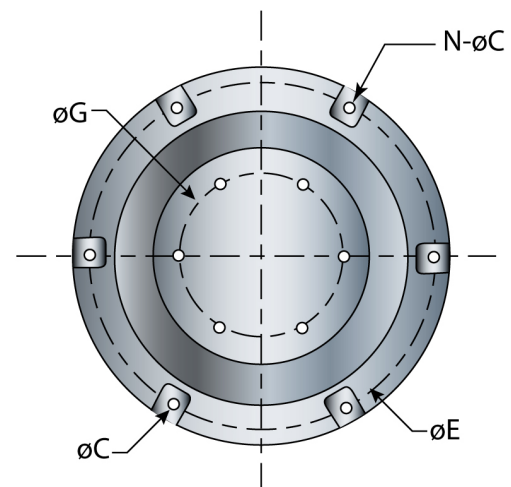
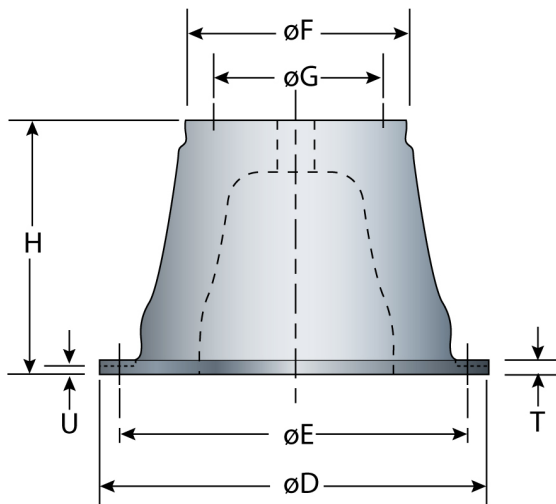


Cone fenders are an improved version of Cell type Fender recently introduced and recommended for all type of applications including high tidal variation sites. Fendguard's cone type fender has the highest energy to reaction ratios of any fender currently in use. Its refined geometry and conical shape 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	1300	1950	1755	1105	845	59	48	8-60	M48
Imperial	51.2	76.8	69.1	43.5	33.3	2.32	1.89	8-2.36	M48

STANDARD RUBBER GRADE PERFORMANCE

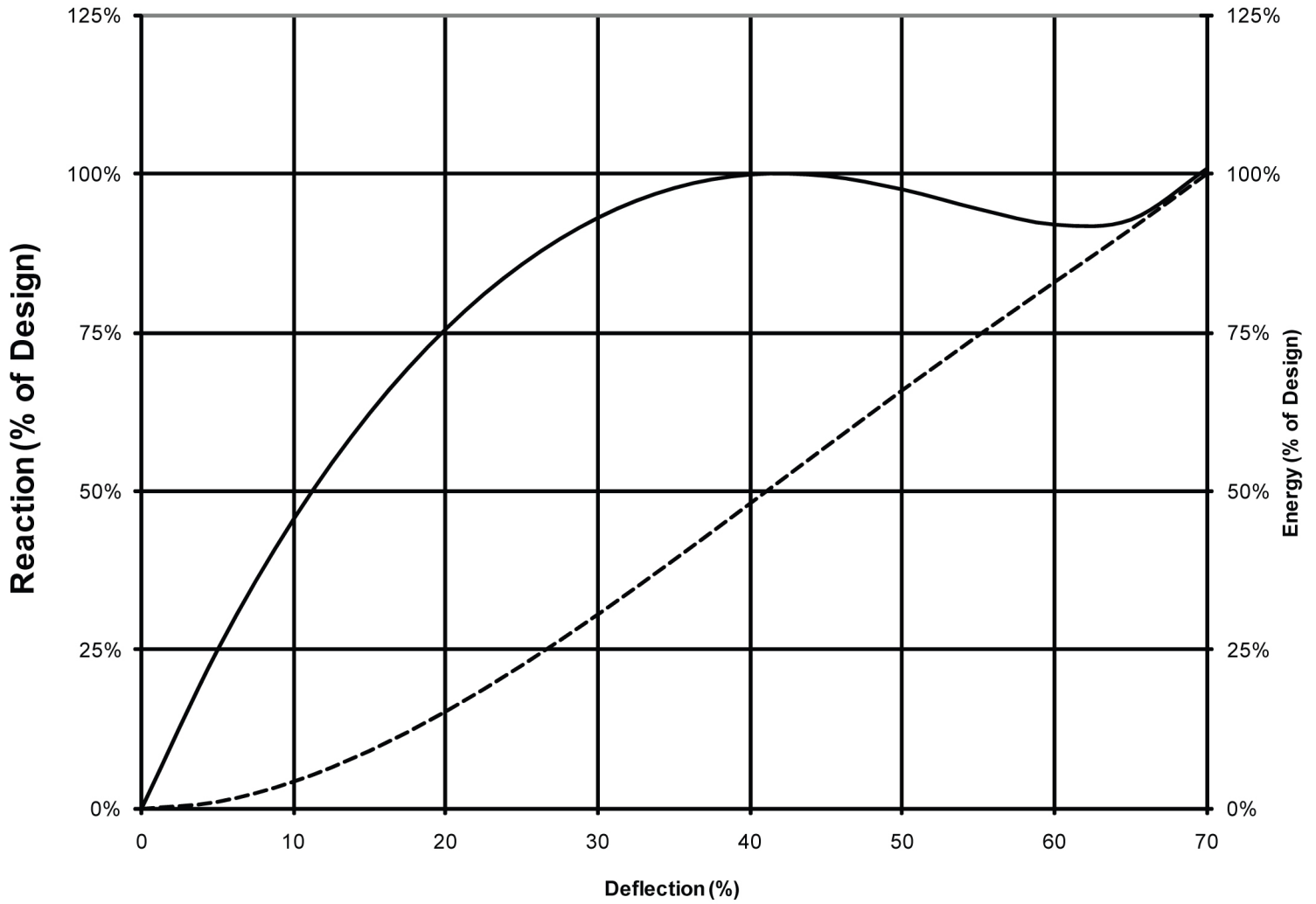
CN-FG-1300	G4		G3		G2		G1	
	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)
Metric	2072	1428	1657	1144	1326	961	1061	769
Imperial	466	1054	373	844	298	709	238	567

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	982	221	G2.4	R	1458	328
	E	711	525		E	1034	763
G0.8	R	1008	227	G2.5	R	1492	335
	E	731	539		E	1053	776
G0.9	R	1035	233	G2.6	R	343	343
	E	750	553		E	1071	790
G1	R	1061	239	G2.7	R	1558	350
	E	769	567		E	1089	803
G1.1	R	1088	244	G2.8	R	1591	358
	E	788	581		E	1107	817
G1.2	R	1114	250	G2.9	R	1624	365
	E	807	596		E	1126	830
G1.3	R	1141	256	G3	R	1657	373
	E	827	610		E	1144	844
G1.4	R	1167	262	G3.1	R	1699	382
	E	846	624		E	1172	865
G1.5	R	1194	268	G3.2	R	1740	391
	E	865	638		E	1201	886
G1.6	R	1220	274	G3.3	R	1782	400
	E	884	652		E	1229	907
G1.7	R	1247	280	G3.4	R	1823	410
	E	903	666		E	1258	928
G1.8	R	1273	286	G3.5	R	1865	419
	E	923	680		E	1286	949
G1.9	R	1300	292	G3.6	R	1906	428
	E	942	695		E	1314	969
G2	R	1326	298	G3.7	R	1948	438
	E	961	709		E	1343	990
G2.1	R	1359	306	G3.8	R	1989	447
	E	979	722		E	1371	1011
G2.2	R	1392	313	G3.9	R	2031	456
	E	998	736		E	1400	1032
G2.3	R	1425	320	G4	R	2072	466
	E	1016	749		E	1428	1053

GENERALIZED PERFORMANCE CURVE-CONE FENDER

— Reaction - - - Energy



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