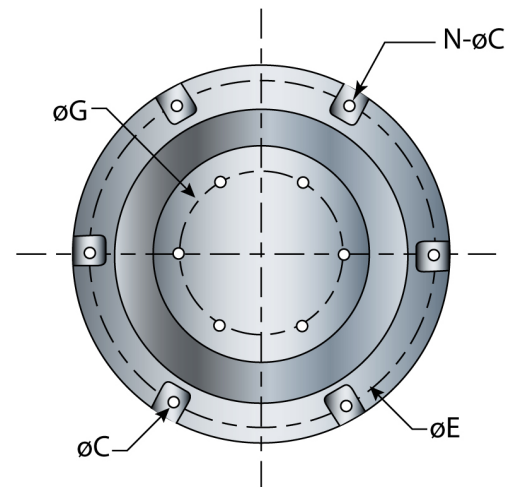
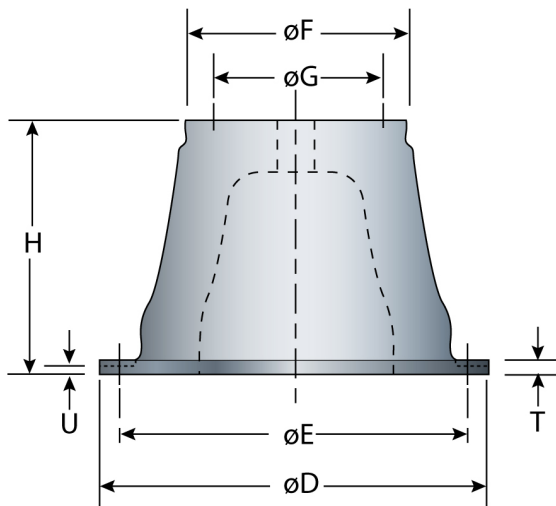


Cone fenders are an improved version of Cell type Fender recently introduced and recommended for all type of applications including high tidal variation sites. Fendguard's cone type fender has the highest energy to reaction ratios of any fender currently in use. Its refined geometry and conical shape 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	1600	2400	2160	1360	1060	72	58	8-70	M52
Imperial	63.0	94.5	85.0	53.5	41.7	2.83	2.28	8-2.76	M52

STANDARD RUBBER GRADE PERFORMANCE

CN-FG-1600	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	3139	2663	2511	2133	2009	1792	1607	1434
Imperial	706	1964	564	1573	452	1321	361	1058

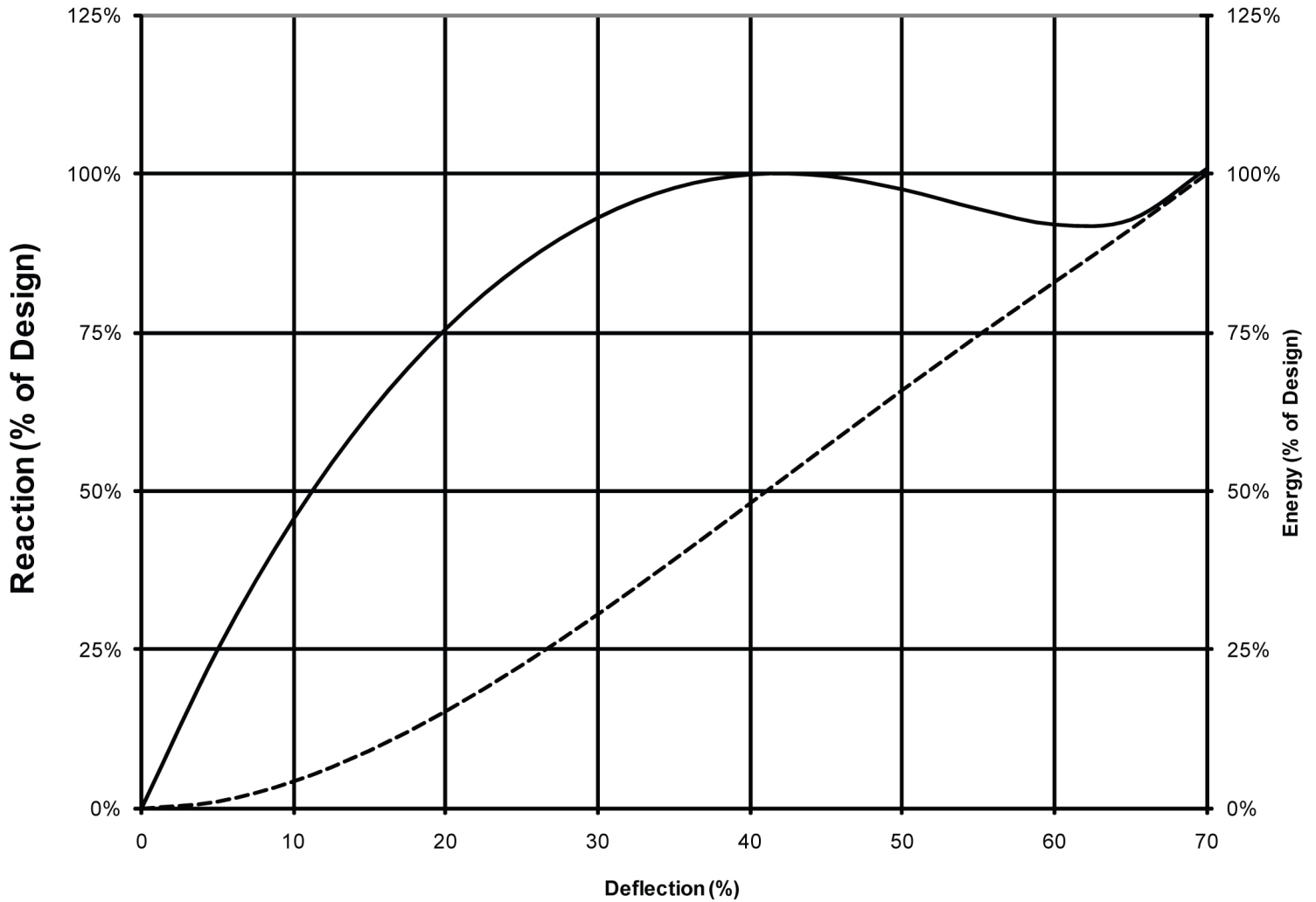
INTERMEDIATE RUBBER GRADES

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	1486	334	G2.4	R	2210	497
	E	1327	978		E	1928	1422
G0.8	R	1527	343	G2.5	R	2260	508
	E	1362	1005		E	1963	1447
G0.9	R	1567	352	G2.6	R	519	519
	E	1398	1031		E	1997	1473
G1	R	1607	361	G2.7	R	2360	531
	E	1434	1058		E	2031	1498
G1.1	R	1647	370	G2.8	R	2411	542
	E	1470	1084		E	2065	1523
G1.2	R	1687	379	G2.9	R	2461	553
	E	1506	1110		E	2099	1548
G1.3	R	1728	388	G3	R	2511	564
	E	1541	1137		E	2133	1573
G1.4	R	1768	397	G3.1	R	2574	579
	E	1577	1163		E	2186	1612
G1.5	R	1808	406	G3.2	R	2637	593
	E	1613	1190		E	2239	1651
G1.6	R	1848	415	G3.3	R	2699	607
	E	1649	1216		E	2292	1690
G1.7	R	1888	425	G3.4	R	2762	621
	E	1685	1242		E	2345	1730
G1.8	R	1929	434	G3.5	R	2825	635
	E	1720	1269		E	2398	1769
G1.9	R	1969	443	G3.6	R	2888	649
	E	1756	1295		E	2451	1808
G2	R	2009	452	G3.7	R	2951	663
	E	1792	1322		E	2504	1847
G2.1	R	2059	463	G3.8	R	3013	677
	E	1826	1347		E	2557	1886
G2.2	R	2109	474	G3.9	R	3076	692
	E	1860	1372		E	2610	1925
G2.3	R	2160	485	G4	R	3139	706
	E	1894	1397		E	2663	1964

GENERALIZED PERFORMANCE CURVE-CONE FENDER

— Reaction - - - Energy



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