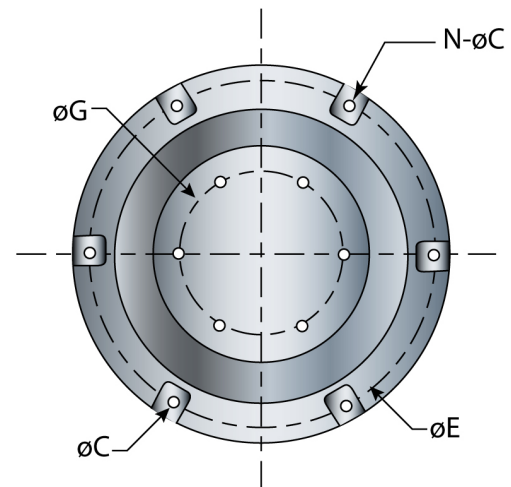
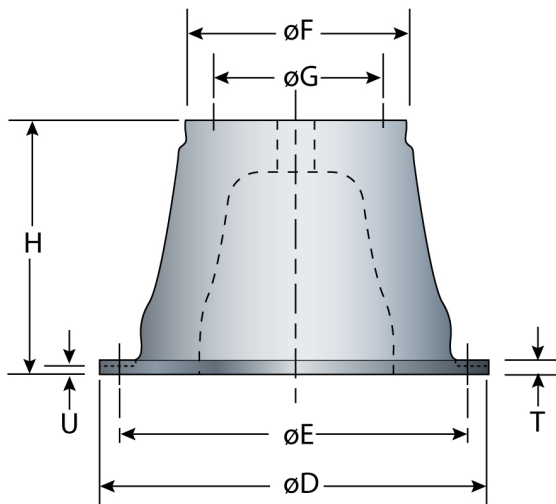


Cone fenders are an improved version of Cell type Fender recently introduced and recommended for all type of applications including high tidal variation sites. Fendguard's cone type fender has the highest energy to reaction ratios of any fender currently in use. Its refined geometry and conical shape 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	1000	1500	1350	850	650	45	37	6-50	M42
Imperial	39.4	59.1	53.1	33.5	25.6	1.77	1.46	6-1.97	M42

STANDARD RUBBER GRADE PERFORMANCE								
CN-FG-1000	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	1226	650	981	521	785	437	628	350
Imperial	276	480	220	384	176	323	141	258

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	597	134		G2.4	R	863	194
	E	324	239			E	471	347
G0.8	R	597	134		G2.5	R	883	199
	E	333	245			E	479	353
G0.9	R	612	138		G2.6	R	203	203
	E	341	252			E	487	359
G1	R	628	141		G2.7	R	922	207
	E	350	258			E	496	366
G1.1	R	644	145		G2.8	R	942	212
	E	359	265			E	504	372
G1.2	R	659	148		G2.9	R	961	216
	E	367	271			E	513	378
G1.3	R	675	152		G3	R	981	221
	E	376	277			E	521	384
G1.4	R	691	155		G3.1	R	1006	226
	E	385	284			E	534	394
G1.5	R	707	159		G3.2	R	1030	232
	E	394	290			E	547	403
G1.6	R	722	162		G3.3	R	1055	237
	E	402	297			E	560	413
G1.7	R	738	166		G3.4	R	1079	243
	E	411	303			E	573	422
G1.8	R	754	169		G3.5	R	1104	248
	E	420	309			E	586	432
G1.9	R	769	173		G3.6	R	1128	254
	E	428	316			E	598	441
G2	R	785	176		G3.7	R	1153	259
	E	437	322			E	611	451
G2.1	R	805	181		G3.8	R	1177	265
	E	445	329			E	624	460
G2.2	R	824	185		G3.9	R	1202	270
	E	454	335			E	637	470
G2.3	R	844	190		G4	R	1226	276
	E	462	341			E	650	479

GENERALIZED PERFORMANCE CURVE-CONE FENDER

