

Hydrostatics

Relative water density : 0.0000

Trim: 0.000 (m)

Draft (m)	Volume (m ³)	Displ FW (tonnes)	Displ. (tonnes)	LCB (m)	VCB (m)	TCB (m)	Aw (m ²)	LCF (m)	KMt (m)	KMI (m)	MCT (t*m/cm)	TpCm (t/cm)
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.000	0.000
0.010	0.001	0.001	0.000	2.112	0.007	0.000	0.164	2.091	0.286	41.42	0.000	0.000
0.020	0.004	0.004	0.000	2.081	0.014	0.000	0.457	2.073	0.539	41.41	0.000	0.000
0.030	0.010	0.010	0.000	2.082	0.021	0.000	0.793	2.090	0.777	36.53	0.000	0.000
0.040	0.019	0.019	0.000	2.092	0.028	0.000	1.068	2.115	0.761	31.65	0.000	0.000
0.050	0.031	0.031	0.000	2.108	0.034	0.000	1.242	2.152	0.636	27.32	0.000	0.000
0.060	0.044	0.044	0.000	2.126	0.041	0.000	1.378	2.183	0.561	23.64	0.000	0.000
0.070	0.058	0.058	0.000	2.143	0.047	0.000	1.491	2.203	0.517	20.47	0.000	0.000
0.080	0.074	0.074	0.000	2.157	0.053	0.000	1.594	2.213	0.493	17.92	0.000	0.000
0.090	0.090	0.090	0.000	2.167	0.058	0.000	1.675	2.218	0.463	15.89	0.000	0.000
0.100	0.107	0.107	0.000	2.176	0.064	0.000	1.725	2.223	0.423	14.18	0.000	0.000
0.110	0.125	0.125	0.000	2.183	0.070	0.000	1.760	2.229	0.390	12.73	0.000	0.000
0.120	0.142	0.142	0.000	2.189	0.076	0.000	1.785	2.236	0.364	11.48	0.000	0.000
0.130	0.160	0.160	0.000	2.195	0.081	0.000	1.804	2.242	0.343	10.39	0.000	0.000
0.140	0.178	0.178	0.000	2.200	0.087	0.000	1.820	2.247	0.327	9.47	0.000	0.000
0.150	0.197	0.197	0.000	2.204	0.092	0.000	1.834	2.249	0.315	8.69	0.000	0.000

NOTE 1: Draft (and all other vertical heights) is measured from base Z=0.000

NOTE 2: All calculated coefficients based on project length, draft and beam.

Nomenclature

Draft	<i>Moulded draft, measured from baseline</i>
Volume	<i>Total displaced volume</i>
Displ FW	<i>Displacement fresh water</i>
Displ.	<i>Displacement</i>
LCB	<i>Longitudinal center of buoyancy, measured from the aft perpendicular at X=0.0</i>
VCB	<i>Vertical center of buoyancy</i>
TCB	<i>Transverse center of buoyancy</i>
Aw	<i>Waterplane area</i>
LCF	<i>Waterplane center of floatation, measured from the aft perpendicular at X=0.0</i>
KMt	<i>Transverse metacentric height</i>
KMI	<i>Longitudinal metacentric height</i>
MCT	<i>Moment to change trim one unit</i>
TpCm	<i>Weight to change the immersion with one unit</i>