

Hydrostatics

Relative water density : 1.0000

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	0.001	2.823	0.008	0.000	0.152	2.806	0.238	53.06	0.000	0.002
0.020	0.003	0.003	0.003	2.790	0.015	0.000	0.453	2.768	0.496	47.09	0.000	0.005
0.030	0.010	0.010	0.010	2.766	0.022	0.000	0.811	2.739	0.726	42.31	0.001	0.008
0.040	0.019	0.019	0.019	2.747	0.028	0.000	1.004	2.712	0.515	37.58	0.001	0.010
0.050	0.030	0.030	0.030	2.730	0.034	0.000	1.116	2.690	0.380	33.34	0.002	0.011
0.060	0.041	0.041	0.041	2.717	0.040	0.000	1.164	2.679	0.308	26.63	0.002	0.012
0.070	0.053	0.053	0.053	2.708	0.046	0.000	1.203	2.679	0.269	21.96	0.002	0.012
0.080	0.065	0.065	0.065	2.703	0.051	0.000	1.243	2.679	0.246	18.92	0.002	0.012
0.090	0.078	0.078	0.078	2.699	0.057	0.000	1.283	2.680	0.231	16.79	0.002	0.013
0.100	0.091	0.091	0.091	2.697	0.062	0.000	1.324	2.680	0.222	15.21	0.003	0.013
0.110	0.104	0.104	0.104	2.695	0.068	0.000	1.365	2.681	0.217	14.00	0.003	0.014
0.120	0.118	0.118	0.118	2.693	0.073	0.000	1.407	2.682	0.214	13.05	0.003	0.014

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

NOTE 2: All calculated coefficients based on actual dimensions of submerged body.

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>