

Нагрузка №	1	2	3	4	5
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1	Draft Amidships m	1,033	1,109	1,163	1,184	1,118
2	Displacement t	42,37	48,09	52,79	54,00	50,22
3	Volume (displaced) m^3	42,370	48,088	52,790	54,000	50,220
4	Heel deg	0,0	0,0	0,0	0,0	0,0
5	Draft at FP m	1,148	1,219	1,223	1,289	1,093
6	Draft at AP m	0,918	0,999	1,103	1,079	1,14
7	Trim (+ve by stern) m	-0,230	-0,220	-0,120	-0,210	0,050
8	WL Length m	26,535	26,568	26,586	26,600	26,556
9	Beam max on WL m	3,748	3,771	3,783	3,785	3,778
10	Sect. area amidships m^2	2,618	2,898	3,101	3,181	2,934
11	Wetted Area m^2	92,119	97,388	101,066	102,172	98,649
12	Waterpl. Area m^2	73,968	76,698	78,418	78,659	77,771
13	Waterpl. ltrans m^4	65,728	70,388	73,813	74,084	72,976
14	Waterpl. llong m^4	2937,51	3175,46	3328,72	3350,19	3270,25
15	Prismatic coeff. (Cp)	0,610	0,625	0,640	0,638	0,644
16	Block coeff. (Cb)	0,412	0,433	0,451	0,453	0,448
17	Midship Sect. area coeff. (Cm)	0,676	0,693	0,705	0,710	0,694
18	Waterpl. area coeff. (Cwp)	0,744	0,765	0,780	0,781	0,775
19	LCB from aft perp. (+ve fwd) m	13,244	13,044	12,681	12,865	12,322
20	VCB m	0,671	0,717	0,752	0,762	0,732
21	LCF from aft perp. (+ve fwd) m	11,837	11,681	11,531	11,606	11,391
22	VCF m	1,021	1,096	1,155	1,171	1,122
23	KG m	1,800	1,770	1,750	1,780	1,630
24	BMT m	1,551	1,464	1,398	1,372	1,453
25	BML m	69,330	66,034	63,056	62,041	65,119
26	GMt m	0,423	0,411	0,400	0,354	0,555
27	GML m	68,201	64,981	62,058	61,023	64,220
28	KMt m	2,222	2,181	2,150	2,134	2,185
29	KML m	69,999	66,749	63,807	62,801	65,850
30	Immersion (TPc) tonne/cm	0,740	0,767	0,784	0,787	0,778
31	MTc tonne.m	1,089	1,178	1,235	1,242	1,216
32	GZ m	0,000	0,000	0,000	0,000	0,000
33	RM at 1deg = GMt.Disp.sin(1) tonne.m	0,312	0,345	0,369	0,334	0,486
34	Max deck inclination deg	0,4964	0,4759	0,2587	0,4525	0,1090
35	Trim angle (+ve by stern) deg	-0,4964	-0,4759	-0,2587	-0,4525	0,1090
36	Lat.proj. Underwater area m^2	22,691	24,689	26,130	26,692	24,948
37	Lat.proj. Underwater VCA (world) m	0,570	0,611	0,640	0,651	0,61

2. Определение Limit KG на модели катера МО-V для 5 случаев нагрузки

Нагрузка №1

	Displacement (intact)	Draft Amidships	Trim (+ve by stern)	LCG m	TCG m	VCG m	Limit KG m	min. GM m	Criterion	Name
1	42,37	1,033	-0,230	13,236	0,000	1,662	1,662	0,560	267(85) Ch2 - General Criteria	2.2.1: Area 0 to 40

Нагрузка №2

	Displacement (intact)	Draft Amidships	Trim (+ve by stern)	LCG m	TCG m	VCG m	Limit KG m	min. GM m	Criterion	Name
1	48,09	1,109	-0,220	13,035	0,000	1,658	1,658	0,523	267(85) Ch2 - General Criteria	2.2.1: Area 0 to 40

Нагрузка №3

	Displacement (intact)	Draft Amidships	Trim (+ve by stern)	LCG m	TCG m	VCG m	Limit KG m	min. GM m	Criterion	Name
1	52,79	1,163	-0,120	12,678	0,000	1,658	1,658	0,492	267(85) Ch2 - General Criteria	2.2.1: Area 0 to 40

Нагрузка №4

	Displacement (intact)	Draft Amidships	Trim (+ve by stern)	LCG m	TCG m	VCG m	Limit KG m	min. GM m	Criterion	Name
1	54,00	1,184	-0,210	12,859	0,000	1,651	1,651	0,483	267(85) Ch2 - General Criteria	2.2.1: Area 0 to 40

Нагрузка №5

	Displacement (intact)	Draft Amidships	Trim (+ve by stern)	LCG m	TCG m	VCG m	Limit KG m	min. GM m	Criterion	Name
1	50,22	1,118	0,050	12,324	0,000	1,673	1,673	0,512	267(85) Ch2 - General Criteria	2.2.1: Area 0 to 40