

**Principal Dimensions and Hydrostatics for Testing Hull Form**

작성일: 2023/4/7

Project Name		13K Methanol PC Tanker		
ITEMS	unit			
LBP *	m	122.00		
B *	m	21.00		
D	m	11.80		
XP, YP, ZP(S.C.H)	m	2.75, 0, 2.5		
Draft Name		Design	Scantling	Ballast
LWL *	m		125.500	122.258
WSA (Barehull) *	m2		3,979.50	2,997.9
WSA (Rudder) *	m2		54.1	46.4
WSA (Appendage) *	m2			
WSA (Fins) *	m2			
WSA (Appendage TOTAL) *	m2	-	-	-
WSA Total	m2	-	4,033.6	3,044.3
SBK *	m2	40.8		
AT *	m2		342.0	410.6
▽ *	m3		17,563.4	10,225.5
TF *	m		8.55	4.87
TA *	m		8.55	5.73
T Mean	m	-	8.55	5.30
KB *	m		4.500	2.753
LCB *	m		62.210	62.850
LCB/LBP	%	0.00%	0.51	51.52%
LCF	m		56.150	62.310
CB	-		0.7820	0.7340
CW	-		0.8940	0.8180
CM	-		0.9950	0.9920
CP	-	#DIV/0!	0.7859	0.7399
Engine Name	-	Wartsila W6L32		
Propeller Dia *	m	4.8	P/D mean	-
No of Blades *	ea	4	Ae/Ao	-
MCR Power *	kW	3,700.0	MCR RPM *	130.0
NCR Power *	kW	2,970.0	NCR RPM *	125.5
Sea Margin *	%	15.0	RPM Margin (%)	-
Target Speed(at NCR w/ S.M)	knots	13.0	Grace (knots)	-
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