

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

8/S "MAMBUKAL" (ex "Bafaan")

~~Engineers~~
~~Shipbuilders~~: Messrs. *Theodor Zeise, Hamburg* Yard No.

~~for~~
~~Engineers~~: Messrs. *Maschinenfabrik Augsburg* Engine No. *H. 1181*
Nürnberg A.G. Type *G. 8. V. 42*

It is submitted that with engines for main propelling purposes, having particulars as stated below, the following sizes of shafting merit approval, viz.:

Sizes of Shafting:

Crank	Flywheel	Thrust
Intermediate <i>115 mm dia.</i>	Tube	Screw <i>131 mm. dia.</i>

Particulars of Engines:

Engine Type	<i>4-S.C.S.A.</i>	Max. Press. in Cylinders	<i>48 kgs/cm²</i>
Open Sea Service		M.I.P. or M.E.P.	
Smooth Water Service		I.H.P. or B.H.P.	<i>505</i>
No. of Cylinders	<i>8</i>	Weight of Flywheel	<i>800 kgs</i>
Diam. of Cylinders	<i>285 mm</i>	Diam. of Flywheel	<i>1200 mm</i>
Stroke	<i>420 mm</i>	GD² of Balance Weights	
Span of Bearings		GD² of Turning Wheel	
Revs. per Min.	<i>375</i>	Diam. of Propeller	<i>1550 mm</i>
		Screw Shaft Without Continuous Liner	

Return Plan .

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