

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs. *Schiffwerft Bodewes* ^{*Wartenlock*} Yard No. *309*
Engineers: Messrs. *M.A.N.* Engine No. *511630*

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

Sizes of Shafting:

PINS	175 mm.	Flywheel	Thrust
JOURNALS.	185 mm	Tube	Screw
Intermediate			

Particulars of Engines:

Engine Type	<i>4SCSA</i>	Max. Press. in Cylinders	<i>50 K/cm²</i>
Open Sea Service		M.I.P. or M.E.P.	<i>6.8 K/cm²</i>
Smooth Water Service		I.H.P. or B.H.P.	<i>400</i>
No. of Cylinders	<i>8</i>	Weight of Flywheel	<i>800 Kg.</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	<i>354 mm</i>	GD² of Turning Wheel	
Revs. per Min.	<i>300</i>	Diam. of Propeller	

~~Screw Shaft Without Continuous Liner~~

The plan showing detail of ~~crank~~ crankshaft also merits approval.

The Surveyor should be requested to supply the Yard No. of the vessel for which this engine is intended.

Return 1 Plan.

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