

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs. *Gebr. Niester*

Yard No *217*

Engineers: Messrs. *Humboldt-Deutzmotoren*

Engine No.

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:

<del>Crank</del>	<del>Flywheel</del>	<del>Thrust</del>
Intermediate	Tube	Screw <i>70 mm.</i>

Particulars of Engines:

Engine Type *4 SC SA.*

Max. Press. in Cylinders *55 kg cm<sup>2</sup>*

~~Open Sea Service~~

M.I.P. ~~or~~ M.E.P. *6.0 kg cm<sup>2</sup>*

~~Smooth Water Service~~

~~I.H.P. or~~ B.H.P. *115*

No. of Cylinders *6*

Weight of Flywheel *270 kgs.*

Diam. of Cylinders *170 mm.*

Diam. of Flywheel *600 mm.*

Stroke *200 mm.*

GD<sup>2</sup> of Balance Weights *72 kg m<sup>2</sup>*

~~Span of Bearings~~

~~GD<sup>2</sup> of Turning Wheel~~

Revs. per Min. *750*

~~Diam. of Propeller~~

Screw Shaft Without Continuous Liner

W307-0263

The plan of stern tube and screw shaft, as shown and amended, also merits approval.

It is concluded that the particulars of the engine are precisely as stated above but this should be confirmed.

The diameter of the propeller should be forwarded to this office for reference.

<sup>one</sup>  
Return <sup>one</sup> Plan .

Retain <sup>one</sup> Copy.

*Lat 21/4*

© 2019  
Lloyd's Register  
Foundation  
*[Signatures]*  
*20/4/38*