

W1157-0144 8

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs. *Lithgows Ltd* Yard No *928*

Engineers: Messrs. *Barelay "Carle & Co"* Engine No. *E.W. 124.*

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:

Crank *420 mm dia* Flywheel

Thrust *420 mm dia*

Intermediate *13" dia* Tube

Screw *14 1/2" dia.*

Particulars of Engines:

Engine Type *2.P.C. Off Piston*

Max. Press. in Cylinders *600 lbs/in²*

~~Open Sea Service~~

M.I.P. ~~or~~ M.E.P. *89 lbs/in²*

~~Smooth Water Service~~

I.H.P. ~~or~~ B.H.P. *1890*

No. of Cylinders *3*

Weight of Flywheel *7000 lbs* *7000 lbs* *Apr 6.11.7*

Diam. of Cylinders *560 mm*

Diam. of Flywheel " *2240 mm* " *2320 mm*

Combined
Stroke *2160 mm*

~~GD² of Balance Weights~~

Centres of side rods
~~Span of Bearings~~ *1120 mm*

~~GD² of Turning Wheel~~

Revs. per Min. *99*

Diam. of Propeller *15'0"*

Screw Shaft With Continuous Liner

The plan showing details of the crankshaft also merit approval

Return *2* Plan. *5*

Retain *1* Copy.



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L 19/5

Signature
7.5.39