

E1.

MAIN PROPELLING OIL ENGINES.Shafting Endorsement.

Shipbuilders: Messrs.

*Swan Hunter Wigham**Richardson*

Yard No

1569

Engineers: Messrs.

*— ditto —*Engine No. *1624*

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~~~~Flywheel~~~~Thrust~~

Intermediate

15 5/8" diam Tube

Screw

*17 9/16" diam
Reduced to 16 7/8" at fore end.*Particulars of Engines:

Engine Type

2 SC. opposed Piston

Max. Press. in Cylinders

45 Kg/cm²~~Open Sea Service~~

M.I.P. or M.E.P.

89 lb/in²~~Smooth Water Service~~

I.H.P. or B.H.P.

5350

No. of Cylinders

5

Weight of Flywheel

3.5 TONS, DIAM. 5'-6"

Diam. of Cylinders

670 mm~~WEIGHT AFT~~

Diam. of Flywheel

*8.5 TONS, DIAM. 8'-2"***COMBINED**
Stroke*2320 mm*~~GD² of Balance Weights~~~~Span of Bearings~~~~GD² of Turning Wheel~~

Revs. per Min.

110

Diam. of Propeller

*16'-9"*Screw Shaft With ~~out~~ Continuous Liner

The plans showing details of straight shafting and stentube also went approval.

Return

4

Plan.

Retain

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for 3/4

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