

MAIN PROPELLING OIL ENGINES.Shafting Endorsement.

Shipbuilders: Messrs.

J. Koster "Gidem"

Yard No.

161-2

Engineers: Messrs.

Humboldt Deutz

Engine No.

8V6A 345

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

Sizes of Shafting:

Crank	Flywheel	Thrust
Intermediate	Tube	Screw <i>130 7/8</i>

Particulars of Engines:

Engine Type

4 S.C.S.A.

Max. Press. in Cylinders

50 kg/cm²

Open Sea Service

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

6.7 kg/cm²~~Smooth Water Service~~~~I.H.P. or B.H.P.~~

No. of Cylinders

6

Weight of Flywheel

2600 kgs.

Diam. of Cylinders

280 7/8

Diam. of Flywheel

1250 7/8

Stroke

450 7/8~~GD² of Balance Weights~~~~Span of Bearings~~~~GD² of Turning Wheel~~

Revs. per Min.

350~~Diam. of Propeller~~

Screw Shaft Without Continuous Liner

The plan showing details of the Derais shaft and stern gear also merits approval provided the loose coupling at the forward end of the Derais shaft be made of steel, and the sectional area of the key for this coupling be not less than *3400 sq. cm.*

Return Plan

The Surveyors should be asked to state the propelled diameters for reference purposes in the office.

Retain Copy.

*Lt 23/11**W.D.H.**J. J.**22/11/37*