

MAIN ENGINES.

Lloyd's Register of Shipping.

Data sheet for

PETROL, PARAFFIN AND HEAVY OIL ENGINES FOR MAIN PROPELLING PURPOSES.

*(This form to be filled in and forwarded when plans or particulars of shafting are submitted for approval.
Particulars which do not apply to be crossed out.)*

- (1) Shipbuilders:— **Bodewes Scheepswerven at Martenshoek Yard No.:— 309.**
- (2) Engineers:— **M.A.N.** Engine No.:—
- (3) Type of Engine:—Petrol, Paraffin or Heavy Oil. **Heavy Oil**
- (4) Smooth Water or Open Sea Service. **Open Sea Service**
- (5) Two or Four Stroke Cycle. **Four Stroke Cycle**
- (6) Single or Double Acting or Opposed Piston. **Single Acting**
- (7) Number of Cylinders:— **8**
- (8) Diameter of Cylinders:— **285 mm.**
- (9) Stroke:— **420 mm.**
- (10) Span of Bearings from inner edge to inner edge:—
- (11) Centres of Side Rods for Opposed Piston Engines:— ~~XXXXXX~~
- (12) Maximum Pressure in Cylinders:— **50 ATM** ~~XXXXXXXXXX~~
- (13) Mean Indicated Pressure:— **6,8 KG/ cm²** ~~XXXXXXXXXX~~
- (14) Brake Horse Power:— **400**
- (15) Revolutions per minute:— **300**
- (16) Weight of Flywheel:— **800 KG**
- (17) Diameter of Flywheel:— **1200 mm.**
- (18) GD² of ~~balance weights~~ **Flywheel** **750 KG M²**
- (18) GD² of ~~balance weights~~ **Propeller** **212 KG M²**
- (19) Diameter of Propeller:— **1800**
- (20) Is Propeller Shaft fitted with Continuous Liner:— **no**
- (21) If the material for the crankshaft is of higher tensile strength than required by the Rules, the following particulars should be forwarded:—

Ultimate Tensile Strength.

Yield Point.

Elongation.

Gauge Length.

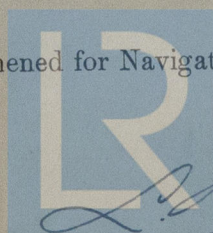
- (22) Where Dowel Pins are not fitted in the case of built crankshafts, the following information should be supplied:—

(a) Shrinkage Allowance:—

(b) Yield point of Crankweb Material:—

Material intended to have the notation:—“Strengthened for Navigation in Ice”:—

Material of the propeller:—**Brönze**



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Foundation

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