

## MAIN ENGINES.

# Lloyd's Register of Shipping.

*Data sheet for*

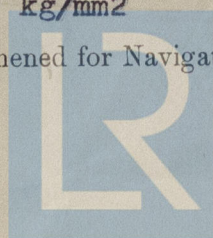
### PETROL, PARAFFIN AND HEAVY OIL ENGINES FOR MAIN PROPELLING PURPOSES.

*(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:— **Ned. Scheepsbouw My N.V., Amsterdam** Yard No.:— **280**
- (2) Engineers:— **Gebr. Stork & Co. N.V., Hengelo** Engine No.:— **4399/4400**
- (3) Type of Engine:— **Petrol, Paraffin or Heavy Oil. H.O.D.T. 7 x 61/115**
- (4) Smooth Water or Open Sea Service. **open sea**
- (5) Two ~~xx Four~~ Stroke Cycle.
- (6) ~~Single xx~~ Double Acting ~~xx Opposed Piston~~
- (7) Number of Cylinders:— **7**
- (8) Diameter of Cylinders:— **610 mm.**
- (9) Stroke:— **1150 mm.**
- (10) Span of Bearings from inner edge to inner edge:— **890 mm.**
- (11) Centres of Side Rods for Opposed Piston Engines:—
- (12) Maximum Pressure in Cylinders:— **45 kg/cm<sup>2</sup>**
- (13) Mean Indicated Pressure:— **5.6 kg/cm<sup>2</sup>**
- (14) Brake Horse Power:— **5500**
- (15) Revolutions per minute:— **1300** 130?
- (16) Weight of Flywheel:— **5500 kg.**
- (17) Diameter of Flywheel:— **2400 mm.**
- (18) GD<sup>2</sup> of balance weights:—
- (19) Diameter of Propeller:— **4820 mm.**
- (20) Is Propeller Shaft fitted with Continuous Liner:— **yes**
- (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.
<b>45-52 kg/mm<sup>2</sup></b>	<b>24,75 kg/mm<sup>2</sup></b>	<b>25%</b>	<b>I=5D</b>

- (22) Where Dowel Pins are not fitted in the case of built crankshafts, the following information should be supplied:—
- (a) Shrinkage Allowance:— **0,16%**
- (b) Yield point of Crankweb Material:— **24,75 kg/mm<sup>2</sup>**
- (23) Is vessel intended to have the notation:—“Strengthened for Navigation in Ice”:— **no**
- (24) If so, state the material of the propeller:—



© 2020

Lloyd's Register  
Foundation

W305-0174