

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:— A/S Burmeister & Wain, Copenhagen Yard No.:— 646
- (2) Engineers:— A/S Burmeister & Wain, Copenhagen Engine No.:— 3013
3014
- (3) Type of Engine:— ~~Petrol/Paraffin~~ or Heavy Oil.
- (4) ~~Smooth/Water~~ or Open Sea Service.
- (5) Two or ~~Four~~ Stroke Cycle.
- (6) ~~Single~~ or Double Acting or ~~Opposed Piston~~.
- (7) Number of Cylinders:— 6
- (8) Diameter of Cylinders:— 620 m/m
- (9) Stroke:— 1400 m/m
- (10) Span of Bearings from inner edge to inner edge:— 1164 m/m
- (11) ~~Centres of Side Rods for Opposed Piston Engines~~ /—
- (12) Maximum Pressure in Cylinders:— 49 kg/cm²
- (13) Mean Indicated Pressure:— 6,3 kg/cm²
- (14) Brake Horse Power:— 14600 (i.h.p.) Total
- (15) Revolutions per minute:— 100
- (16) Weight of Flywheel:— }
(17) Diameter of Flywheel:— } 10.000 kgm²
- (18) GD² of balance weights:— 58.000 kgm²
- (19) Diameter of Propeller:— 17'-9"
- (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. |
|----------------------------|--------------|-------------|---------------|
- (22) Where Dowel Pins are not fitted in the case of built crankshafts, the following information should be supplied:—
- (a) Shrinkage Allowance:— 1/600
- (b) Yield point of Crankweb Material:— above 50% of the tensile strength
- (23) ~~Is vessel intended to have the notation "Strengthened for Navigation in Ice"?~~
- (24) ~~If so, state the material of the propeller.~~



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Foundation

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