

AUXILIARY ENGINES.

Lloyd's Register of Shipping.

Data sheet for

PETROL, PARAFFIN AND HEAVY OIL ENGINES INTENDED FOR DRIVING AUXILIARY MACHINERY.

*(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.:— 4396/7/8
- (3) Type of Engine:—Petrol, Paraffin or Heavy Oil. **H.B. 5 x 27.5/45.**
- (4) ~~Two~~ Four Stroke Cycle.
- (5) Single ~~or Double~~ Acting ~~or Opposed Piston~~
- (6) Number of Cylinders:— **5**
- (7) Diameter of Cylinders:— **275 mm.**
- (8) Stroke:— **450 mm.**
- (9) Span of Bearings from inner edge to inner edge:— **320 mm.**
- (10) Centres of Side Rods for Opposed Piston Engines:—
- (11) Maximum Pressure in Cylinders:— **45 kg/cm²**
- (12) Mean Indicated Pressure:— **5.6 kg/cm²**
- (13) Brake Horse Power:— **300 BHP**
- (14) Revolutions per minute:— **375**
- (15) 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.

52-60 kg/mm²

Yield Point.

35 kg/mm²

Elongation.

24%

Gauge Length.

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Foundation

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