

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 :— **F.Schichau G.m.b.H.** Yard No. :— **1424**
- (2) Engineers :— **Deutsche Werke Kiel A.G.** Engine No. :— **4 M 421**
- (3) Type of Engine :—Petrol, Paraffin or Heavy Oil. **Heavy Oil**
- (4) Two or Four Stroke Cycle. **Four**
- (5) Single or Double Acting or Opposed Piston. **Single**
- (6) Number of Cylinders :— **four**
- (7) Diameter of Cylinders :— **280 mm**
- (8) Stroke :— **420 mm**
- (9) Span of Bearings from inner edge to inner edge :— **310 mm**
- (10) Centres of Side Rods for Opposed Piston Engines :—
- (11) Maximum Pressure in Cylinders :— **46 kg/cm<sup>2</sup>**
- (12) Mean Indicated Pressure :— **6.5 kg/cm<sup>2</sup>**
- (13) Brake Horse Power :— **235 HP**
- (14) Revolutions per minute :— **360 revs. per min.**
- (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.

Yield Point.

Elongation.

Gauge Length.

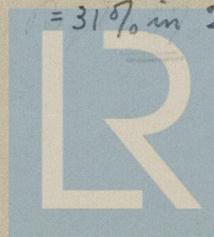
**50 kg/mm<sup>2</sup>**

**31.75 ton/m<sup>2</sup>**

**20% in 200 mm**

**200 mm**

**= 31% in 2"**



© 2019

Lloyd's Register  
Foundation

W264-0128