

Aktieselskabet  
*Burmeister & Wain's*  
*Maskin-og Skibsbyggeri.*  
Founded 1843

Telegrams: Burmeisters - Copenhagen.

Codes: Bentley's and Boe.

Telephones: Head Office: Central 9870.

Shipyards: Central 6282.

Your Ref:

Our Ref:

**MN/HP**

*Copenhagen, K.*

13th December 1938

Lloyds Register of Shipping.

28 St. Annæplads.

K.

Dear Sirs,

Aalborg 64.

Enclosed please find for approval 3 copies of our drawing No. 149644 "Crankshaft for 6-cylinder Main Engine".

The main engines are direct reversible, 6-cyl. single-acting, two-cycle Diesel engines with solid injection. Cylinder diameter 500 mm. Stroke 900 mm. The Output is in total 4600 IHP. corresponding to approximately 3700 EHP. at 164 revs. per minute. Indicated mean pressure 6,0 kg/cm<sup>2</sup>. Maximum pressure 49 kg/cm<sup>2</sup>. Each engine to be fitted with a turning wheel with  $GD^2 = 1150 \text{ kgm}^2$  and with balance weights with a total  $GD^2 = 4600 \text{ kgm}^2$ .

The material for the crank webs, which is made of cast steel, and the material for the main bearings and crank pins, which are made of forged steel, fulfil the requirements of the class and has a yield point being 50% of the tensile strength.

The shrinking allowance is 1/600 of the diameter.



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Foundation

W175-0224(112)

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Lloyds Register of Shipping, 28 St. Annæplads.

The length between the main bearings measured from inner edge to inner edge is 652 mm.

We trust that this information will be sufficient and ask you to return a copy of the drawings provided with your signature for approval.-

Yours faithfully,

AKTIESELSKABET  
BURMEISTER & WAIN'S MASKIN- OG SKIBSBYGGERI



Modtaget 14/12  
Bevaret

3 prints No. 149644  
1 order data



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*m. h.*