

## LLOYD'S REGISTER OF SHIPPING



Port **Copenhagen**

**14th February, 1964**

This is to Certify that  
**CS. Newton**

the undersigned Surveyor to this Society did at the request of  
**Messrs. Motorfabriken Bukh A/S, Kalundborg**

attend at their works for the purpose of examining and testing  
**1 off Diesel Engine intended for Messrs. Ellehammer, o/n 1484**  
**Bukh order No. 63H164**

Particulars of the engine are as follows:-

Engine Number.....	<b>61299</b>
Type .....	<b>30105</b>
Number of Cylinders .....	<b>3</b>
Diameter of Cylinders .....	<b>105 mm</b>
Stroke .....	<b>130 mm</b>
Maximum Pressure .....	<b>62 kg/cm<sup>2</sup></b>
Mean Indicated Pressure.....	<b>8.9 "</b>
Brake Horse Power .....	<b>46</b>
Revolutions per Minute .....	<b>1800</b>
Span of Bearings.....	<b>138 - 155 mm</b>
Diameter of Journals .....	<b>70 mm</b>
Diameter of Crankpins.....	<b>65 mm</b>
Breadth of Webs .....	<b>120 mm</b>
Thickness of Webs .....	<b>40 mm</b>
Crankcase Volume.....	<b>under 20 cu.ft.</b>
No. & Total Area of Crankcase.....	<b>None</b>
Relief Valves if Fitted .....	

This engine has been built under Special Survey, in accordance with the Approved Plans and Rules of the Society, materials and workmanship being good.

On completion, the above machinery was tried in the presence of the maker, **for 1 hr. in shops under working conditions with satisfactory results.**  
**The maker stated that the eng. has previously run 6 hrs. on test bed.**

Particulars of identification marks:

**CYLINDER BLOCK**  
**Lloyd's Test**  
**CPN 7 atm.**  
**9.1.64 CSN**

**CRANKSHAFT**  
**Lloyd's**  
**CPN DSG 757A**  
**9.1.64 CSN**

fe:— **kr. 150,-** Expenses:— **kr. 30,-**

**Engine Surveyor to Lloyd's Register of Shipping**

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—