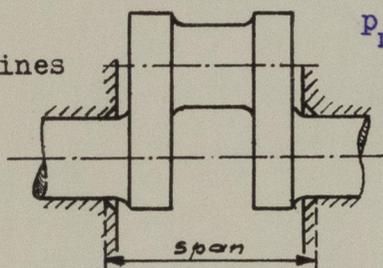


1915

DETAILS COVERING ACCEPTANCE DRAWINGS OF LLOYD'S REGISTER.

- 1. Owners, yard, design No. Texas Oil  
Deutsche Werft, Hamburg  
S.No. 181
- 2. Engine type, workshop No. G8Z52/90 - W.N. 681130/140
- 3. Main or auxiliary engine Main engine
- 4. Single or double acting Single acting
- 5. Four or two stroke Two stroke  
Solid or air injection Solid injection
- 6. B.H.P., r.p.m., mean turning moment  $N_e = 2600$  BHP;  $n = 170$  r.p.m.  
 $M_d = 10950$  mkg
- 7. Cylinder diameter, stroke, no. of cylinders Cyl.diam. = 520/mm; stroke = 900 mm  
No. of cyl. = 8

- 8. Max. pressure in cylinders, mean indicated pressure
- 9. Distance between centre lines of cylinders,  
main bearing breadth,  
bearing span



$P_{max} = 45$  kg/cm<sup>2</sup>  
 $P_{mi} = 5,5$  "  
 920 mm  
 240 ""  
 680 ""

- 10. Flywheel diam., width, weight, flywheel moment not yet known
- 11. Ignition sequence astern: 1-8-2-6-4-5-3-7  
ahead: 1-7-3-5-4-6-2-8
- 12. Weight of oscillating parts, per cylinder 1100 kg
- 13. GD<sup>2</sup> of moving parts, per cylinder 1500 kgm<sup>2</sup>
- 14. Crankshaft: diam. of pin 350 mm  
diam. of journal 350 mm
- 15. The drawings of the crankshaft are submitted in quadruplicate.

Material	S.M.Steel
Tensile strength	50-58 kg/mm <sup>2</sup>
Yield point	least 29 kg/mm <sup>2</sup>
Elongation and dimensions of test bar	20%; L = 10 d
Reduction of area	50 %
Mesnager impact test	6 mkg/cm <sup>2</sup>



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Lloyd's Register  
Foundation

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