



DIESEL ENGINE SUPER-CHARGED.	
8 CYLINDER FOUR CYCLE SINGLE ACTING.	
BORE OF CYLINDER	650 M/M.
STROKE	1400 M/M.
REVS: PER MINUTE.	120
MAX ^M PRESSURE.	700 LBS.
M. I. P.	135 LBS.
DIA. OF FLYWHEEL	2260 M/M.
WEIGHT - "	6000 KG.
DIA. OF CRANK SHAFT.	460 M/M.
B.H.P.	2800 - 3500.
PROPELLER DIA:	15 - 9"

FOR ARRANGEMENT OF SHAFTING SEE DWG: No 186.				
"	DETAILS OF STERN TUBE			" " No 187
"	"	"	CRANK SHAFT.	" " No 311
"	"	"	FLYWHEEL.	" " No 311-I
"	"	"	PROPELLER	" " No 182.

LIST OF PARTS.								
QUANTITIES GIVEN ARE FOR ONE ENGINE NO ONLY.								GOST INDEX № 195
DIST ^o MARK	DESCRIPTION.	N° OFF WORKING AS DRAWN	OFF HAND	SAPRS	MATERIAL	MAKERS.	D.O.REMARKS.	JOS N° SHOP NOTES
1	PROPELLER SHAFT	ONE		ONE	FORGED STEEL	R&W H.L.		2
2	" " LINER	ONE		ONE	CUNNETT WROG MATERIAL	R&W H.L.		3
3	" " NUT	ONE		ONE	IRON.	O.G.		2
4	" " KEY	ONE		ONE	STEEL	R&W H.L.		2
5								
6	PROPELLER NUT STOP	ONE			STEEL	R&WH L.P.		2
7	TAP BOLT FOR (6)	2			" "	" "		2
8	INTERMEDIATE SHAFT	ONE			FORGED STEEL	MATERIAL O.G.		4
9	THRUST SHAFT	ONE			" "	O.O.		5
10	COUPLING BOLTS	27		9	STEEL	MATERIAL O.G.		6
11	NUT FOR (10)	27		9	STEEL	MATERIAL O.G.		6
12	SPLIT PIN FOR (10)	27			STEEL	R&W H.L.		6
13								
14								

MATERIAL SPECIFICATION.

SHAFTS:- FORGED STEEL 28-32 TONS. TENSILE WITH 25-29% ELONGATION.

COUPLING BOLTS:- STEEL 38 TO 45 TONS TENSILE WITH 19% MIN^m ELONGATION. BRINELL 95-105.

" " NUTS:- " 32 To 38 TONS " " 25% " " " "

GUNMETAL LINER 88% COPPER, 10% TIN. 2% ZINC.

TO BE TO LLOYD'S SURVEY.

NOTE:- DIMENSIONS GIVEN ARE IN MILLIMETRES
EXCEPT WHERE OTHERWISE STATED.

SHAFTING.

SCALE :- $\frac{1}{10} - \frac{2}{3}$ & FULL SIZE.

DRAWING № 186.1.

ENGINE № 3941.



S.S. "SAN DELFINO"
MDB. RPT. No. 16438

MDB. RPT. No.

R. & W. HAWTHORN, LESLIE
& CO. LTD.

SHIP NO. 283 / *Messrs. Furness*
S. D. Co. Ltd.

ENGINE NO. 3941.

Drawing No. 186-1

Report No. 96422.

NEWCASTLE ON TYNE.
S. San Delfino

Shafting

THRUST. INTERMEDIATE
AND SCREW SHAFTS.

W120-0103



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