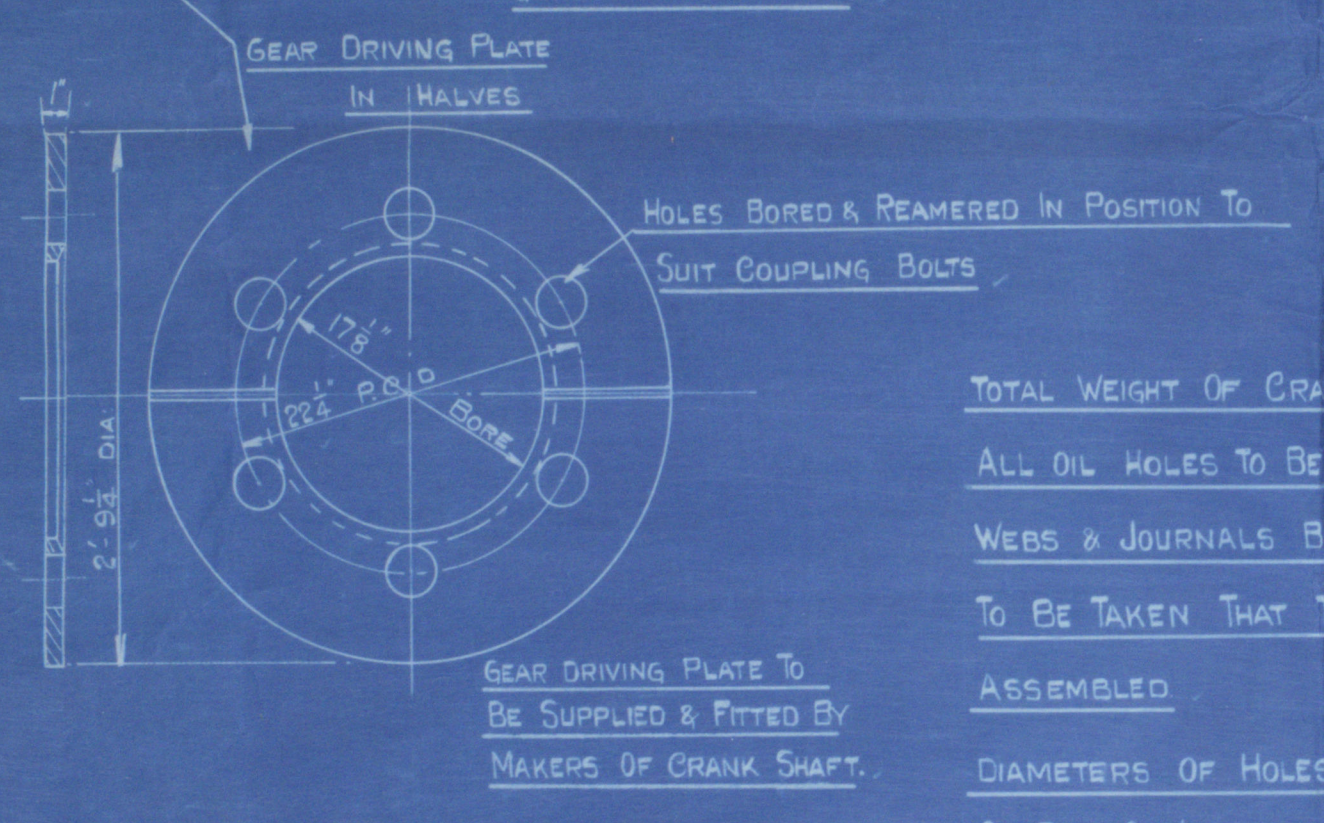


SWAN, HUNTER, &
WIGHAM RICHARDSON LTD
ENGINEERING DEPARTMENT
NEPTUNE WORKS
NEWCASTLE-ON-TYNE
DATE 27-4-25

8.1

DETAIL OF CENTRE COUPLING										
QUANTITIES MARKED ARE FOR EACH ENGINE NO					B.G.L. PORT	B.G.L. STARBOARD				
GROUP NO	DESCRIPTION	MAT'L	REMARKS	MT OF EACH PART IN LBS	NO OFF	NO OFF				
					WORK	SPARE	WORK	SPARE		
C.1	CRANK SHAFT	S.M.L STEEL	MAT. ORDERED OUTSIDE	33600	2	2				
C.3	COUPLING BOLTS	ST BRIGHT BAR	" " "		6	6				
C.4	NUTS FOR DO.	W.I.	" " "		6	6				
C.6	GEAR DRIVING PLATE (IN HALVES)	STEEL	" " "		1	1				
C.7	DOWEL PINS	ST BRIGHT BAR	" " "		36	36				
							</			



TOTAL WEIGHT OF CRANK SHAFT - 30 TONS
ALL OIL HOLES TO BE DRILLED IN CRANK PIN
WEBS & JOURNALS BEFORE ASSEMBLING CARE
TO BE TAKEN THAT THEY COINCIDE WHEN
ASSEMBLED
DIAMETERS OF HOLES IN WEBS TO BE DIAMETERS
OF PINS & JOURNALS LESS GRIND NOTE OF ALL
GAUGE DIAMETERS OF PINS, JOURNALS & HOLES IN
WEBS TO BE SENT TO OIL ENGINE DRAWING OFFICE.

TO LLOYDS SURVEY

ENGINE	SINGLE ACTING 2 CYCLE
CYLINDER DIA:	22 1/2"
NO OF CYLINDERS	6
STROKE	45"
LENGTH OF CONNECTING ROD	2 STROKES
SPAN OF BEARING ADJACENT TO A CRANK MEASURED	
FROM INNER EDGE TO INNER EDGE	33"
DESIGNED MAXIMUM PRESSURE	500 LBS PER SQ. IN.

NO 1 & 1208 CRANKS ARE TO BE FITTED IN A TWO CRANK SHIP. CRANKS
CRANKSHAFT WHICH HAS ALREADY BEEN APPROVED (2/25) WILL BE USED FOR THE STARBOARD ENGINE.

CRANK SHAFT.

SCALES 1/16" = 1 FOOT & FULL SIZE.

DRG. NO. 0.1011.

ENCLOSURE
NO 729

15-4-25

APPROVED
7 APR 1925
BY THE
MARINE
ENGINEER

R

✓ CRANE SHAFT ✓

SWAN HUNTER & W. R. LD
ship No 1285
eng
~~S. 9~~ NO. 1208.

London approved 16/4/25
S H & R advised 17/4/25

M. V. ATHELKING
NEWCASTLE ON TYNE.
Report No. 80205.

RETAIN

RETAIN

W375-0236

9

S. H. 1208