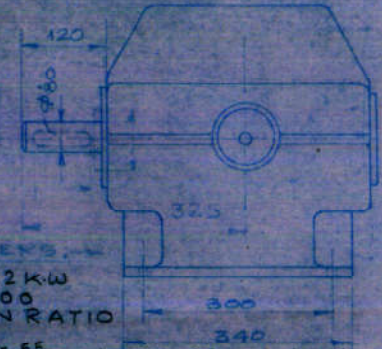
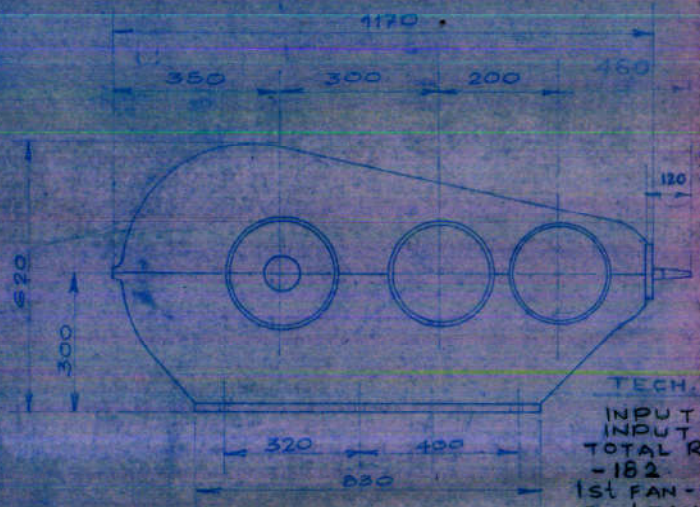


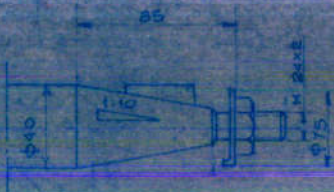
085 001 980

TECH. INSTRUCTIONS:

- ① THE GEAR AND PINION TEETH SURFACE TO BE HARDENED AND GROUND FINISHED
- A. SURFACE HARDNESS OF GEAR TEETH RC. 35-45
- B. SURFACE HARDNESS OF PINION TEETH RC. 40-45
- C. GEAR BOX HOUSING TO BE OF CS: Gr. 280, 520 IS 1030 WITH PROPER STRESS RELIEVING -89
- D. INTERNAL FORGED ITEM TO BE NORMALISED



INPUT SHAFT DETAIL



TECH. PARAMETERS

INPUT POWER - 1.2 kW
 INPUT RPM - 1000
 TOTAL REDUCTION RATIO - 182

Ist FAN $m_n = 4.75$ $\frac{z_1}{z_2} = \frac{55}{16}$ $b = 40$ $\beta_D = 8^\circ 6' 34''$
 IInd FAN $m_n = 6.5$ $\frac{z_1}{z_2} = \frac{88}{13}$ $b = 86$ $\beta_D = 8^\circ 6' 34''$
 IIIrd FAN $m_n = 9.5$ $\frac{z_1}{z_2} = \frac{86}{13}$ $b = 120$ $\beta_D = 8^\circ 6' 34''$

MATERIAL OF GEAR WHEELS 45Cr15: 2004-91
 MATERIAL FOR PINIONS 40Cr4 IS: 4367-91
 TEETH TO BE RC. 40-45

GEAR BOX USSR TYPE-KU-2-500-I-1
 REDUCTION RATIO 182

POS NO	DESCRIPTION	QTY	UNIT	MATERIAL	GA. PRG	SC	DRG NO	DRG
	GLASS CONVEYOR GEAR BOX	1	PCB	ASSLY	-	NIL	085 001 B-0379	