

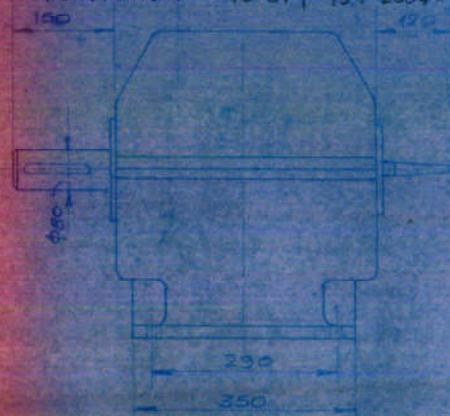
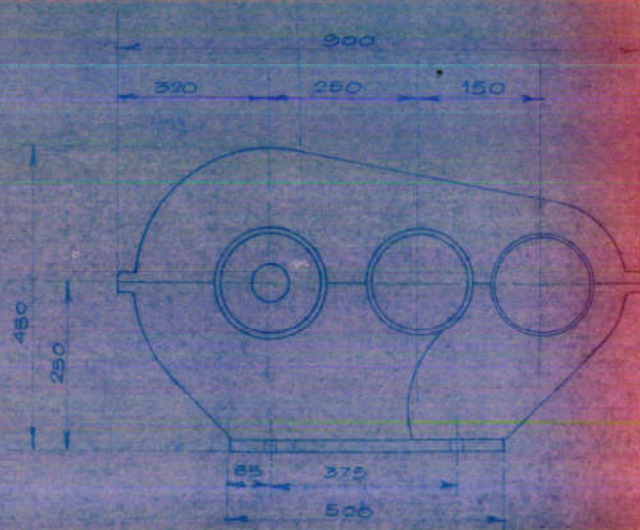
OBEO B/300 580

TECH PARAMETERS

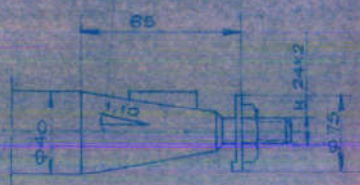
INPUT POWER 5.9 KW, DUTY CYCLE 40% INPUT RPM 1500
 REDUCTION RATIO 48.57

1ST PAN - $m = 3$ $Z_1 = 88$ $b = 50$ $8^{\circ} 6' 34''$
 2ND PAN - $m = 5$ $Z_2 = 85$ $b = 100$ $8^{\circ} 6' 34''$

MAT'L FOR GEAR - 45 C8 IS: 2004-91
 MAT'L FOR PINION - 40 Cr4 IS: 2004-91



INPUT SHAFT DETAIL



TECH REQUIREMENT

- 1 GEAR - PINION TEETH SURFACES TO BE HARDENED AND GROUND FINISHED
- A) SURFACE HARDNESS OF GEAR TEETH - RC 35-40
- B) SURFACE HARDNESS OF PINION TEETH RC 40-45
- 2 GEAR BOX HOUSING TO BE OF GY: 280 520 IS: 1030-89 WITH PROPER STRESS RELIEVING
- 3 INTERNAL FORGED ITEMS TO BE NORMALISED

MOTOR 1/3/3/22 KW 485/735/970/1460 RPM

GEAR BOX USER TYPE - PM-400-1

REDUCTION RATIO - 48.57

POS NO	DESCRIPTION	QTY	UNIT WT	MATERIAL	DRG NO	DRG NO
	RC FEEDER GEAR BOX	1	372			VIL DAS 000/B-0300