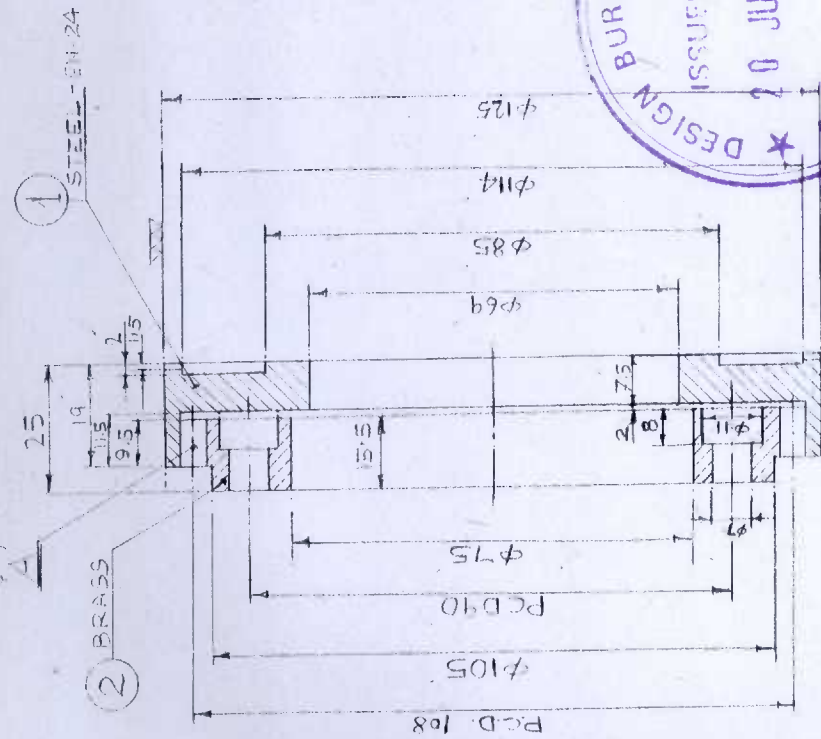




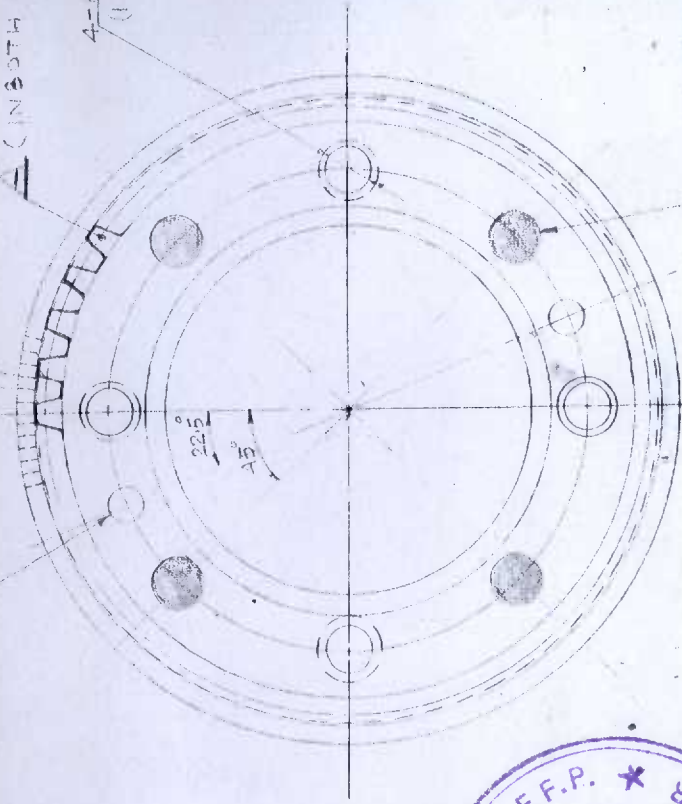
EXTERNAL GEAR	ROOT DIA. - 103
	OD - 112
INTERNAL GEAR	ROOT DIA. - 113
	ID - 104

NOTE:-

- 1- THIS DRG SHOWS THE SCHEMATIC DETAILS ONLY.
- 2- FITTING AND OVERALL DIMENSIONS TO BE MAINTAINED.
3. MATCHING DRG. NO. 04-01-069
4. CLUTCH TO BE OPERATED ON 24V
- 5 DRG. NO. TO BE PUNCHED ON THE ITEM.



'A'	NO. OF TEETH 54
	MODULE 2



BHARAT HEAVY ELECTRICALS LTD.

UNIT : CENTRAL FOUNDRY FORGE PLANT.

HARDWAR.

DEPT.	DESIGN	SCALE	1:1	WEIGHT (KGS.)	PER. DES.	SIGN.	DATE
TITLE	ELECTRO MAGNETIC CLUTCH Ø125						
	FOR 10M LATHE						
	DRAWING NO. 04-01-069						
	SHEET NO. 01 NO OF SHEETS 1						

FF N251012015
Inventory No.

Sign & Date

PART NO. 51828
Ref. Drg. No.

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It must not be used directly or indirectly in anyway detrimental to the interest of the company.

REV. DATE
CHECKED

REV. DATE
CHECKED

REV. DATE
CHECKED

- NOTE:-
1. CLUTCH SHOULD BE SUPPLIED WITH PILOT BORE $\phi 20$
 2. THIS DRG SHOWS THE SCHEMATIC DETAILS ONLY.
 3. FITTING AND OVER ALL DIMENSIONS TO BE MAINTAINED
 4. CLUTCH TO BE OPERATED ON 24V
 5. MATCHING DRG NO. 04-01-069

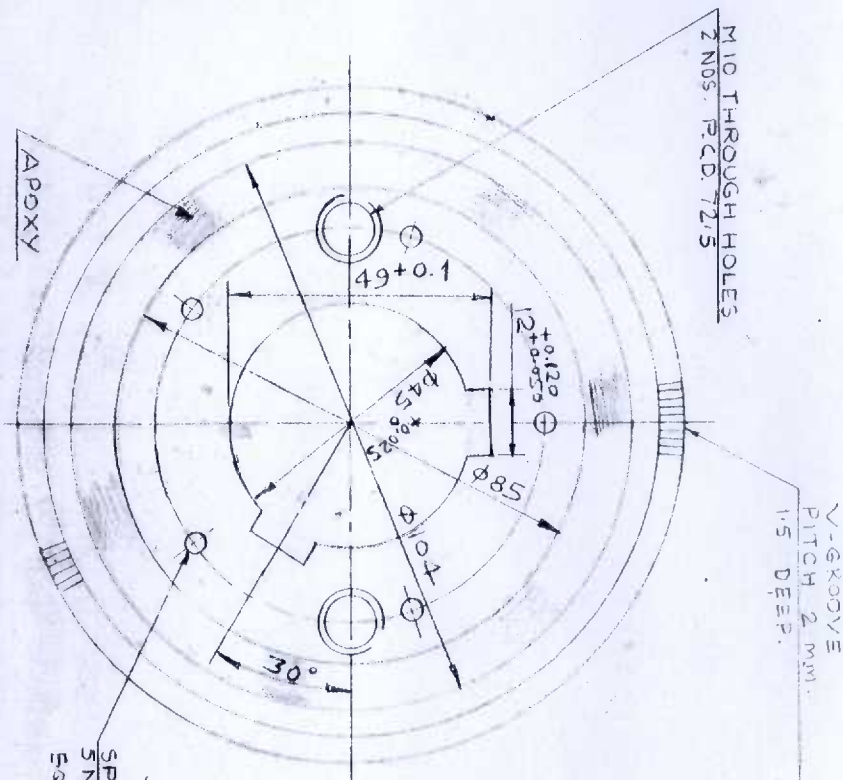
NOTE:-

VIEW A

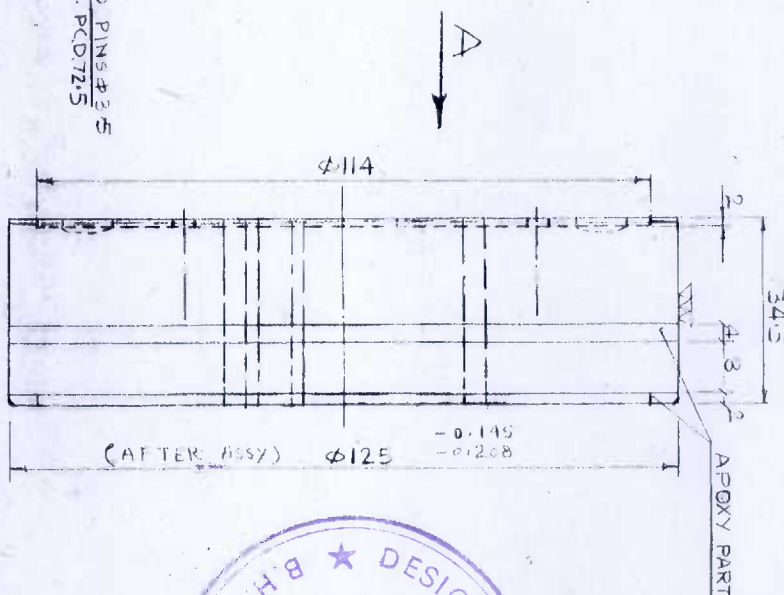
WIRE GAUGE: 27 SWG
COIL RESISTANCE: 13 Ω

MATERIAL: EN-24

DRG NO. TO BE PUNCHED ON THE ITEM



SPRING LOADED PINS $\phi 3.5$
5 NOS. P.D. 12 mm. PCD 72.5
EQ. S.F.



BHARAT HEAVY ELECTRICALS LTD.
UNIT: CENTRAL FOUNDRY FORGE PLANT.
HARDWAR.

TITLE	DEPT. DESIGN	SCALE	WEIGHT (KGS.)	REF. TO ASSY DRG.	ITEM NO.
ELECTRO MAGNETIC CLUTCH $\phi 125$		1:1	2.650		

FOR 10 M LATCH

Dimensions to be Controlled Within Limits as Shown
Machining Tolerance ± 0.25 mm Unless Otherwise
Shown, Non Machining Tolerance $\pm$

DRAWN	CHECKED	APPROVED	DATE
NAVEEN	ASHOK KUMAR	H. S. KUMAR	15/07/2017
DRAWING NO.	SHEET NO.	REV.	
04-01-068	01	0	

(ALL DIMENSIONS ARE IN mm)

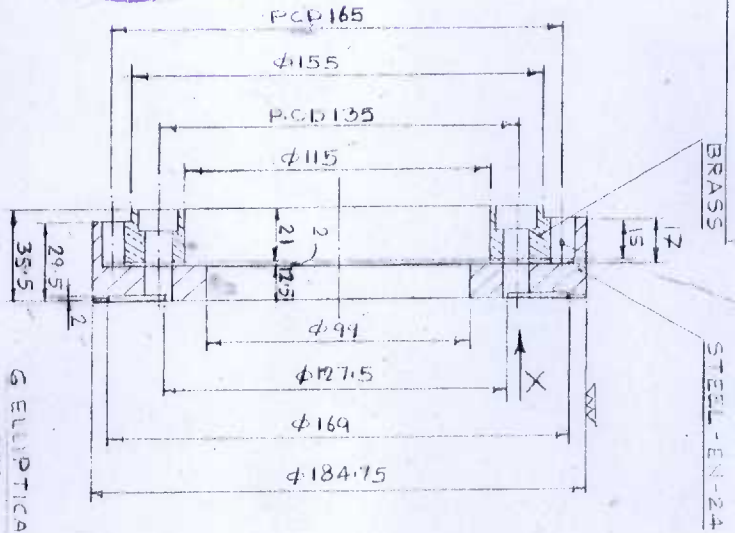
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Ref Drg. No. FILE

Sign & Date

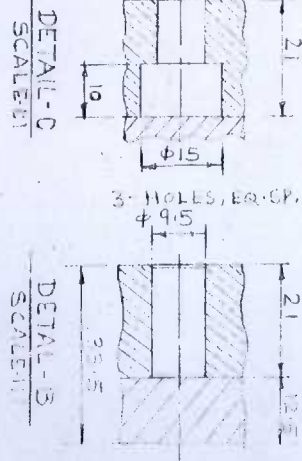
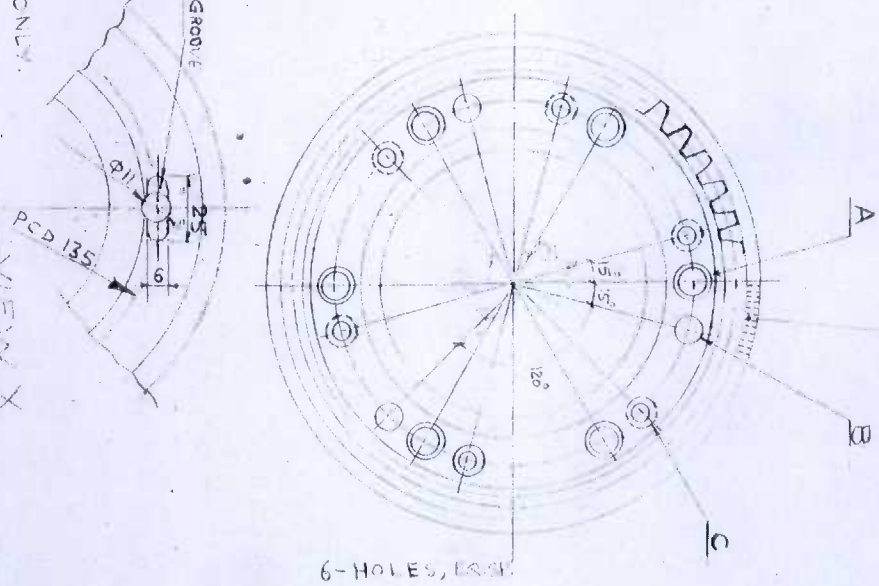
Inventory No.
FF825101203

INTERNAL GEAR	ROOT DIA. 172.5	159	NO. OF TEETH 55
EXTERNAL GEAR	ROOT DIA. 157.5	121	MODULE 3



ELLIPTICAL GROOVE
7 DEEP
(EQ SPACED)

- NOTES:-
1. THIS DRG. SHOWS THE SCHEMATIC DETAILS ONLY.
 2. FITTING & OVERALL DIMENSIONS TO BE MAINTAINED.
 3. MATCHING DRG. NO. 04-01-072
 4. CLUTCH TO BE OPERATED ON 24 V



BHARAT HEAVY ELECTRICALS LTD.
UNIT: CENTRAL FOUNDRY FORGE PLANT.

HARDWARE

DEPT. DESIGN	SCALE 1:2	WEIGHT (KGS) 3.1850	REF. TO ASSY. DRG.	ITEM NO.
TITLE ELECTRO MAGNETIC CLUTCH $\phi 135$ FOR IOM LATHE				
DRAWN NAME	CHECKED NAME	DATE		
NAVEEN	NAVEEN	04-01-07		
APPROVED				

Dimensions to be Controlled Within Limits as Shown
Machining Tolerance ± 0.25 mm Unless Otherwise Shown, Non Machining Tolerance $\pm$

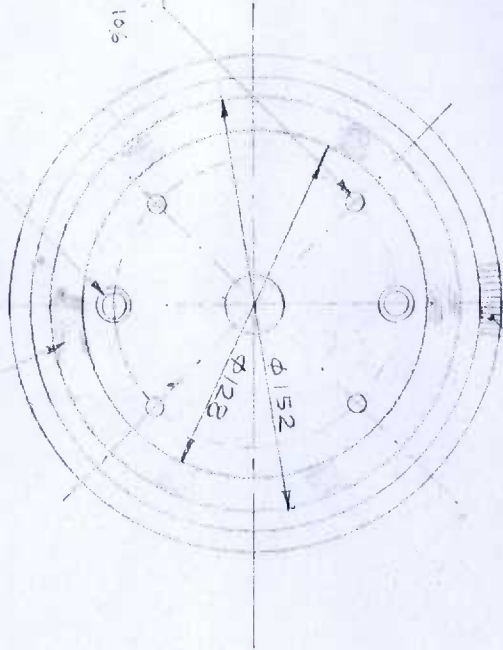
DRAWING NO. 04-01-073
SHEET NO. 01
REV. 0

Inventory No.
FB251012031

7-SPRINGS
LOADED PINS
4-5E AT PCD. 106
PROT-2

2-THROST HOLM
MIZ. AT RCD. 196

2 DIRECT, 15 DEER



Apoxy

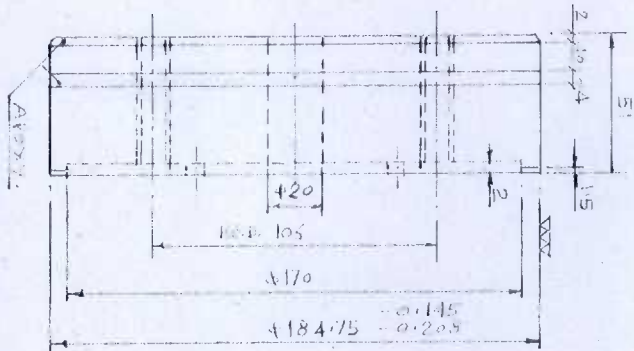
24 MATHEMATICS

4. THIS DOES SHOW IN THE SCHEMATIC DETAIL ONLY.

3. FITTING AN OVERALL DIMENSION TO BE MEASURED

4 CUDTCH TO BE OPERATED ON 24V

DATE: 04-01-07
DRG: HQ



BHARAT HEAVY ELECTRICALS LTD.
UNIT : CENTRAL FOUNDRY FORGE PLANT.
HARDWAR.

TMELECTRO MAGNETIC CLUTCH#18
FOR ION LATHÉ

Dimensions to be Controlled Within Limits as Shown
Machining Tolerance ± 0.25 mm Unless Otherwise
Shown. Non Machining Tolerance $\pm$

REF. to ASSY. DRG.		ITEM NO.	
NAME		DATE	
DRAWN	CHECKED	SIGN	
APPROVED	PARAS		
DRAWING NO.		REV.	
04-01-072		5	
SHEET NO.			
01		01	