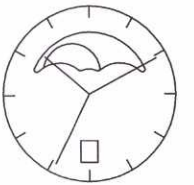
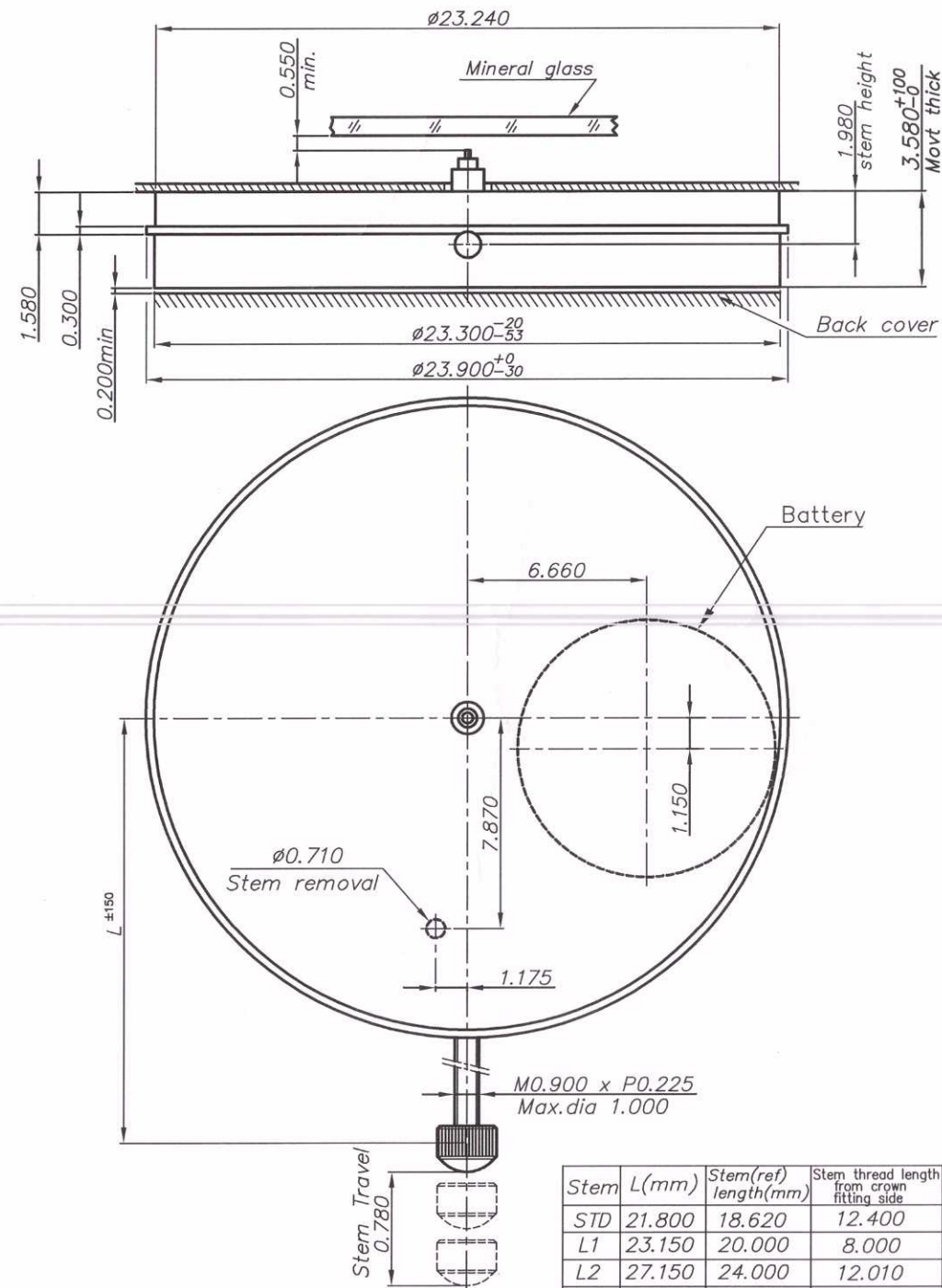




# TECHNICAL DATA FOR CAL. 7129



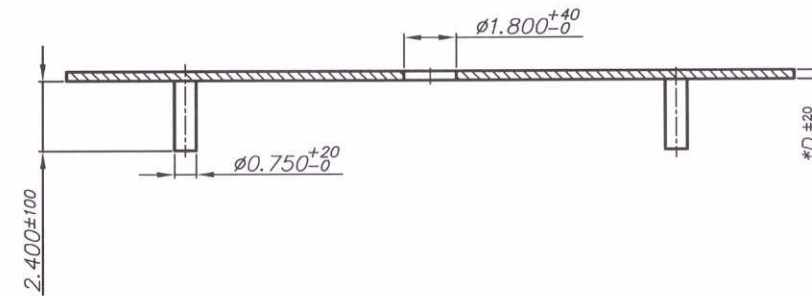
## Casing dimensions



| Stem | L(mm)  | Stem(ref) length(mm) | Stem thread length from crown fitting side | Stock No |
|------|--------|----------------------|--------------------------------------------|----------|
| STD  | 21.800 | 18.620               | 12.400                                     | 2704153  |
| L1   | 23.150 | 20.000               | 8.000                                      | 2704161  |
| L2   | 27.150 | 24.000               | 12.010                                     | 2704162  |
| L3   | 28.150 | 25.000               | 13.010                                     | 2704173  |

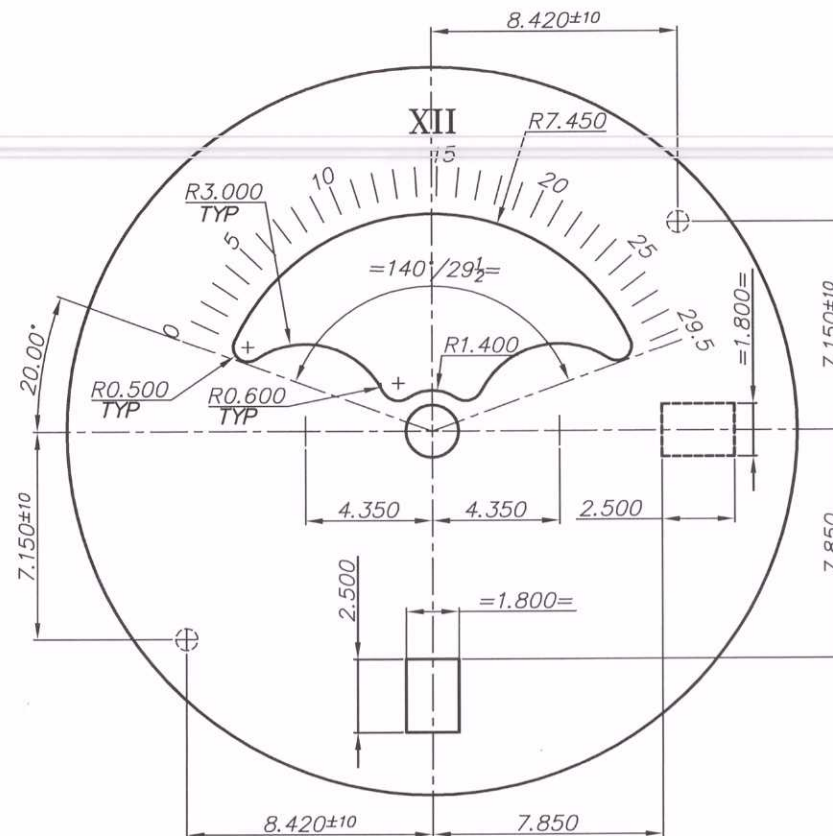
## Dial details

### TYPE A



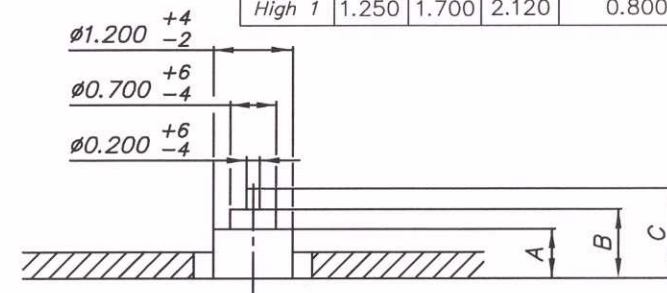
#### \*NOTE:

- Cal.7129 High(H1) is for Embossed/Hybrid dial of 0.800mm(max.)thickness.
- Stem height in case design to be followed according to the dial thickness (0.320 / 0.400 / 0.800).
- Marking of 0 to 29 1/2 above moon phase window is optional.

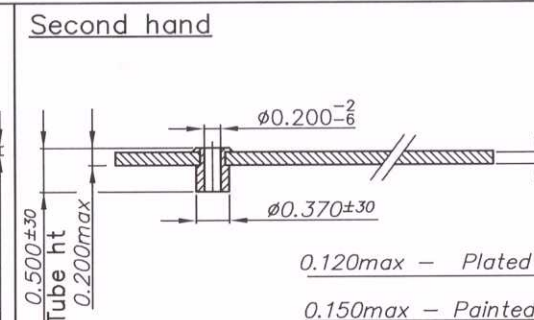
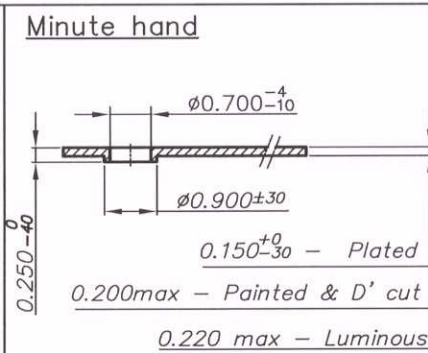
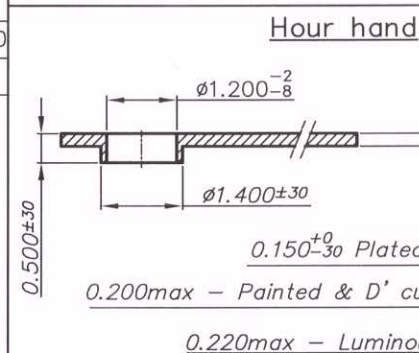


## Hand fitting dimensions

| Calibre | A     | B     | C     | D*          |
|---------|-------|-------|-------|-------------|
| STD     | 0.820 | 1.220 | 1.540 | 0.320/0.400 |
| High 1  | 1.250 | 1.700 | 2.120 | 0.800       |



## Hand details



|                       |                                                    |
|-----------------------|----------------------------------------------------|
| Movement size         | 10 1/2" (23.30 mm)                                 |
| Functions             | Three hands + Moon phase at 9H/12H & Date at 3H/6H |
| Thickness             | 3.58 mm                                            |
| Stem height           | 1.98 mm                                            |
| No. of jewels         | 01                                                 |
| Type of IC            | C-MOS-LSI                                          |
| Quartz frequency      | 32,768 Hz                                          |
| Accuracy              | ±20 sec/month                                      |
| Pulse rate            | 1 pulse per Second.                                |
| Coil resistance       | 2.90 kΩ                                            |
| Current consumption   | 0.81uA(Typ) ~ 1.05uA(max)                          |
| Torque at Second hand | 3.5 μNm(min) - 6.0 μNm(typ)                        |

|                              |                            |                   |             |
|------------------------------|----------------------------|-------------------|-------------|
| Effective temperature range  |                            | 0 to +55°C        |             |
| Shock resistance             |                            | As per NIHS 91/10 |             |
| Resistance to magnetic field |                            | As per NIHS 90/10 |             |
| POWER CELL                   | Type                       | SR920SW           |             |
|                              | Size                       | Ø9.5 x 2.1 mm     |             |
|                              | Voltage                    | 1.55 V            |             |
|                              | Capacity                   | 45 mAh            |             |
|                              | Life (theoretical)         | 60 months         |             |
|                              | Battery locking            | Top clamping      |             |
| HANDS                        | DESCRIPTION                | MINUTE HAND       | SECOND HAND |
|                              | Imbalance mg.mm            | 60                | 15          |
|                              | Inertia mg.mm <sup>2</sup> | 500               | 250         |
|                              | Weight mg (max).           | 12                | 7           |
|                              | Length mm(max) Brass       | 13                | 13          |

|                                                                                  |            |           |
|----------------------------------------------------------------------------------|------------|-----------|
| Notes :                                                                          |            |           |
| 1) All dimensions are in mm.                                                     |            |           |
| 2) Tolerances in μm.                                                             |            |           |
| 3) Clearance MG to SH top increased 0.550, should consider from new case designs |            |           |
| f) Movt thick 3.58 +100/+0 was 3.48mm                                            | 7.5.16     | jay       |
| Clearance MG to SH top 0.550 was 0.500                                           |            |           |
| e) Dial type E&F added & Hand details added                                      | 28.4.14    | RTMK      |
| d) High version & dial type B,C&D added                                          | 03.12.13   | RTMK      |
| 6H Rect dial window details modified                                             |            |           |
| c) Long stem 25.00mm(28.15) added                                                | 29.9.09    | jay       |
| Index                                                                            | Alteration | Date Sign |
|                                                                                  | Prepared   | Checked   |
| Name                                                                             |            | Approved  |
| Date                                                                             |            |           |

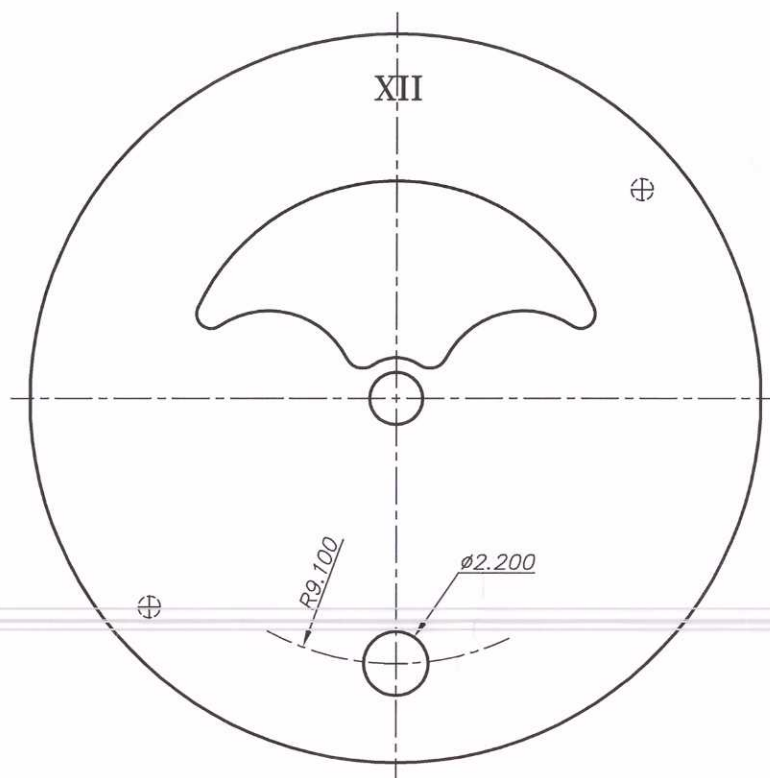




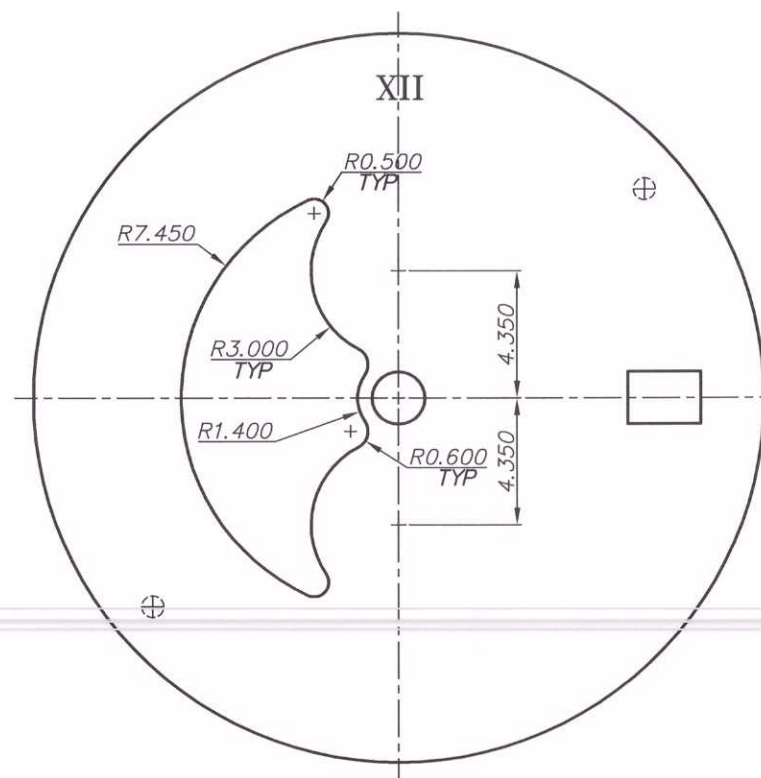
## Dial details

\* For other details refer dial type A

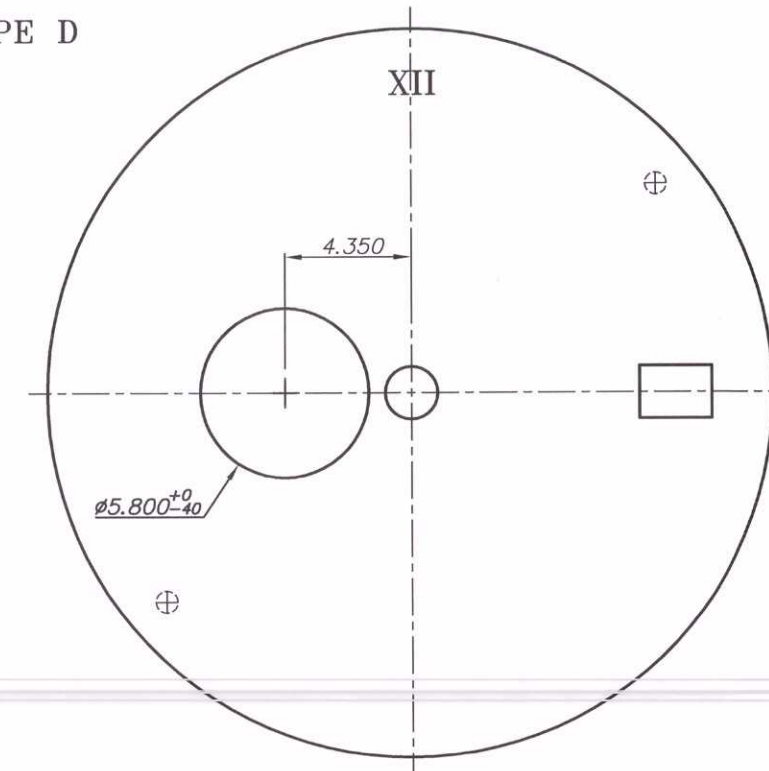
TYPE B



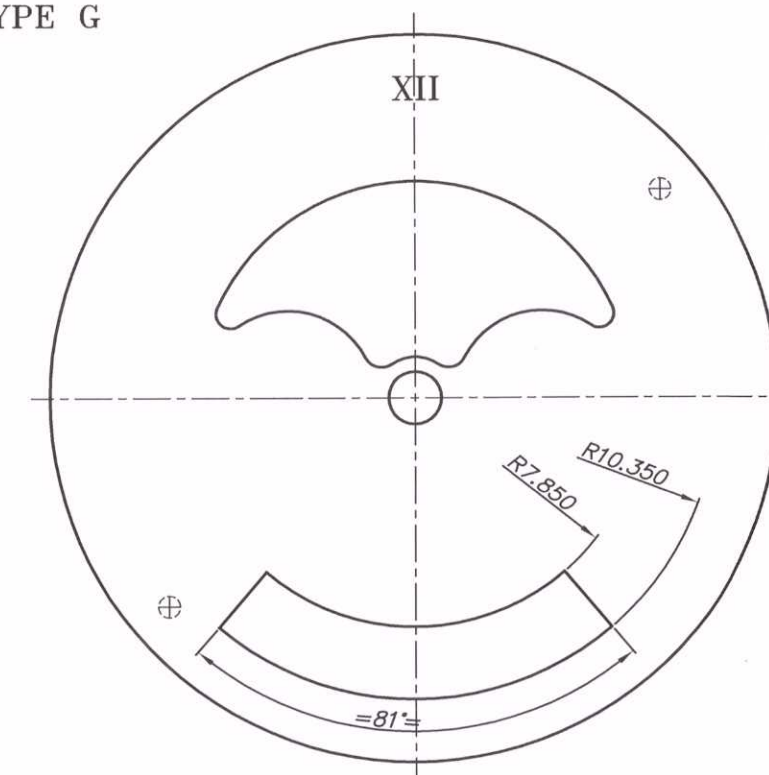
TYPE C



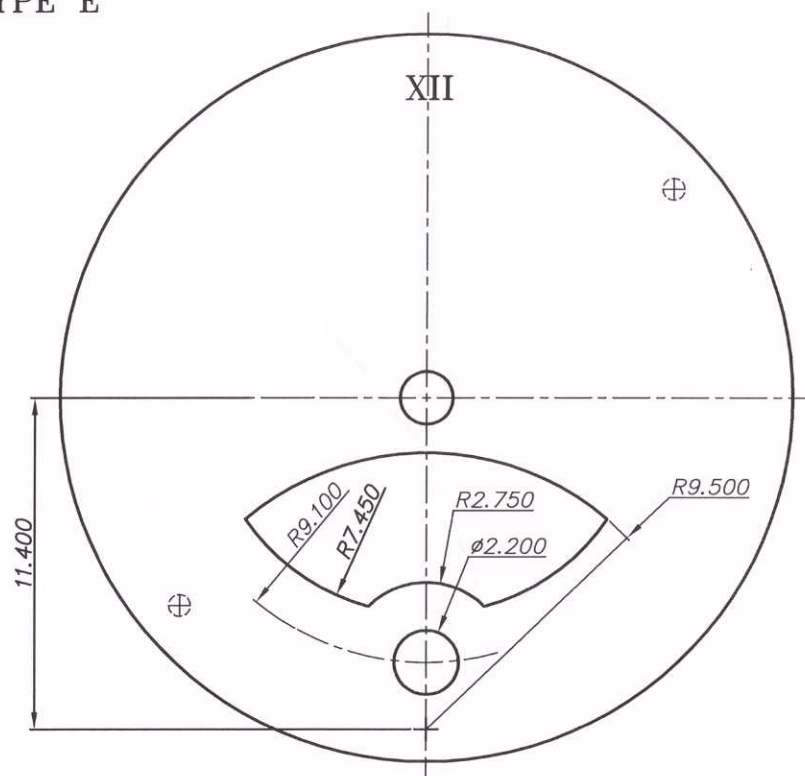
TYPE D



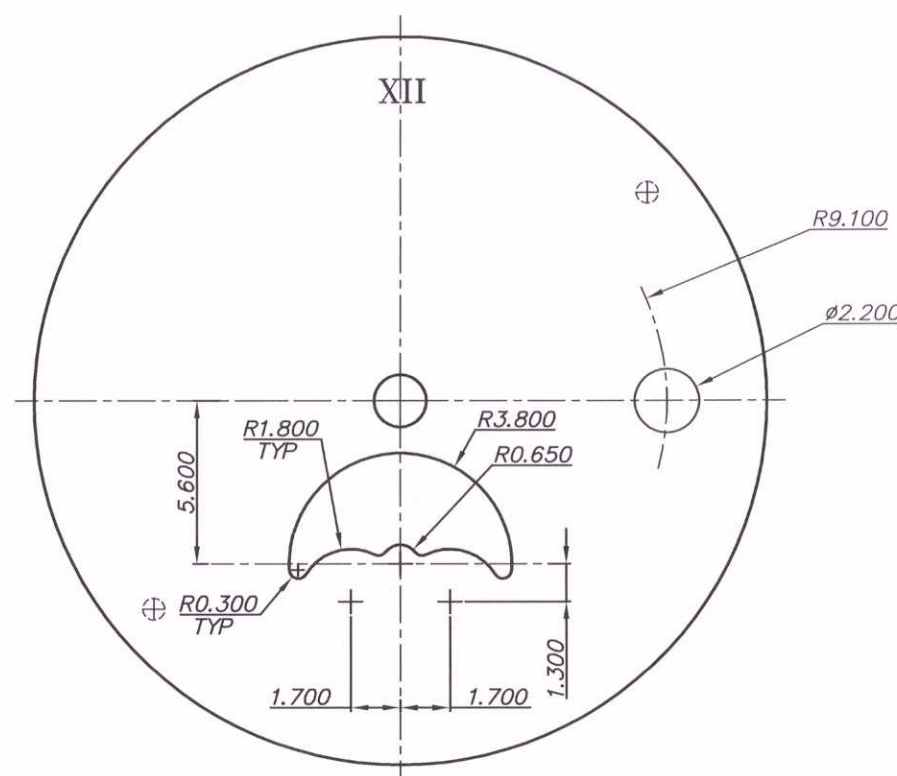
TYPE G



TYPE E



TYPE F



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|       |                               |          |          |
|-------|-------------------------------|----------|----------|
| h)    | Reep elect rical data updated | 11.05.19 | AKASH    |
| g)    | Dial Type "G" added           | 29.5.18  | ksj      |
| Index | Alteration                    | Date     | Sign     |
|       | Prepared                      | Checked  | Approved |
| Name  |                               |          |          |
| Date  | 13/5/19                       | 13/5/19  | 13/5/19  |

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Sheet 2 of 2