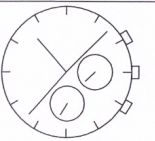


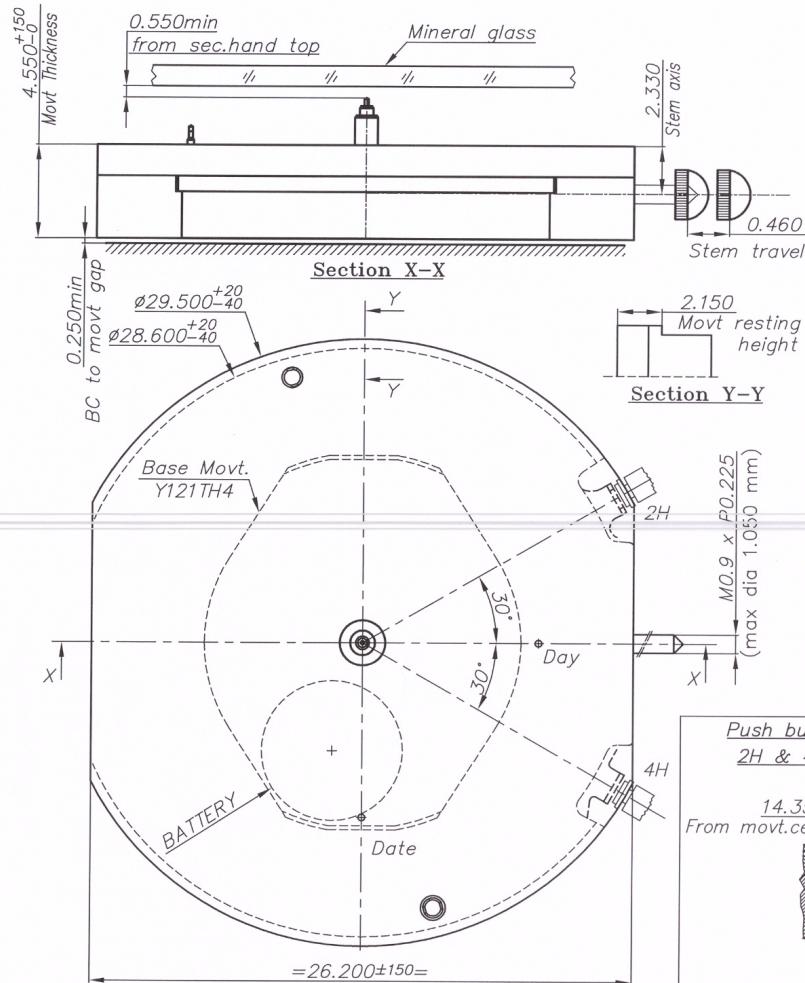


WATCH DIVISION

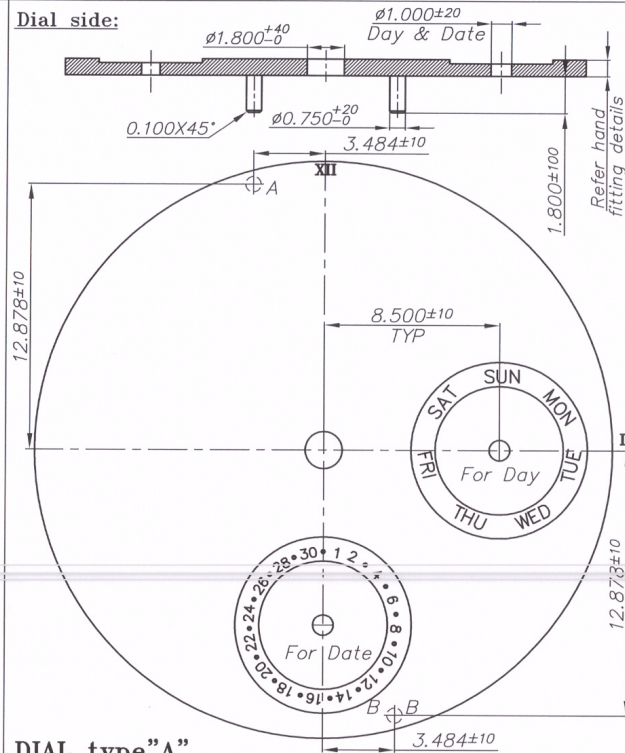
## TECHNICAL DATA FOR TITAN MF PUSHBUTTON MOVEMENT-MP32C



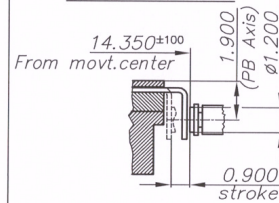
## Casing Details:



## Dial side:



## DIAL type "A"

Push button Details:  
2H & 4H Button

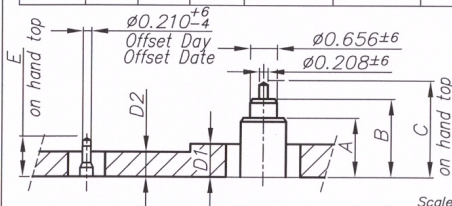
| Stem | Stem(ref) length(mm) | L(mm)  | stock no. | Threaded lgth from crown side |
|------|----------------------|--------|-----------|-------------------------------|
| STD  | 19.250               | 21.720 | 0354788   | 13.470                        |
| L1   | 22.000               | 24.470 | 0354787   | 8.100                         |
| L2   | 28.000               | 30.470 | 0354790   | 9.970                         |

| CALIBRE | BASE MOVT | SUPPLIER CODE | Setting stem (Square portion) |
|---------|-----------|---------------|-------------------------------|
| STD     | Y121H-H4  | TYPE L IV(7)  |                               |
| H1      | Y121H-H6  | TYPE L V(8)   |                               |



## Hand fitting dimensions

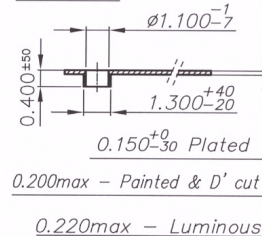
| Calibre | A     | B     | C     | D1        | D2        | E     |
|---------|-------|-------|-------|-----------|-----------|-------|
| STD     | 1.440 | 1.900 | 2.350 | 0.900 max | 0.600 max | 0.980 |
| H1      | 1.760 | 2.220 | 2.670 | 1.200 max | 0.900 max | 1.280 |



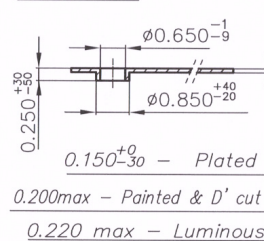
Scale 16:1

## Hand details

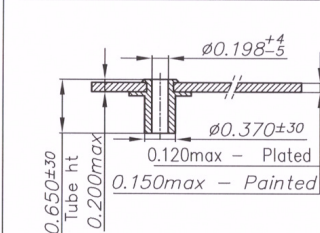
## Hour hand



## Minute hand



## Second Hand &amp; Offset Hands



|                              |                                                   |
|------------------------------|---------------------------------------------------|
| Movement size                | 12 3/4" (Ø28.60)                                  |
| Functions                    | 3 hands+ 2 eyes with Pushers Day (3H) & Date (6H) |
| Thickness                    | 4.550 mm (Including Battery)                      |
| Stem height / PB Height      | 2.330 mm / 1.900 mm                               |
| No. of jewels                | 0                                                 |
| Type of IC                   | C-MOS-LSI                                         |
| Quartz frequency             | 32,768 Hz                                         |
| Accuracy                     | ±20 sec/month                                     |
| Pulse rate                   | 1 pulse per second                                |
| Coil resistance              | 2.000 KΩ                                          |
| Current consumption          | 0.90 uA*(typ)                                     |
| Torque at Second hand        | 4.0 (Typ)                                         |
| Effective temperature range  | 0 to +50°C                                        |
| Operating start voltage, V   | 1.10                                              |
| Resistance to magnetic field | ≥ 20 Oe                                           |

|            |                                  |                  |        |             |        |
|------------|----------------------------------|------------------|--------|-------------|--------|
| POWER CELL | Type                             | SR626SW - MAXELL |        |             |        |
|            | Size                             | Ø6.8 X 2.60 mm   |        |             |        |
|            | Voltage                          | 1.55 V           |        |             |        |
|            | Capacity                         | 35 mAh           |        |             |        |
| HANDS      | Life (theoretical)               | 48 months        |        |             |        |
|            | Battery holding                  | Side clamping    |        |             |        |
|            | DESCRIPTION                      | MINUTE HAND      |        | SECOND HAND |        |
|            |                                  | DESIGN           | ACTUAL | DESIGN      | ACTUAL |
| HANDS      | Weight mg (max).                 | 16               | 20     | 7           | 9      |
|            | Imbalance mg.mm (max)            | 80               | 100    | 8           | 10     |
|            | Inertia mg.mm <sup>2</sup> (max) | —                | —      | 500         | 90     |
|            | Length mm (max)                  | 13               | 13     | —           | 6      |

## Notes :

- 1) All dimensions are in mm.
- 2) Tolerances in um.
- 3)\* - Observed value
- 4) Push buttons are for Day & Date quick setting only

|       |                                                      |          |          |
|-------|------------------------------------------------------|----------|----------|
| c     | High version details added                           | 22.07.20 | AF       |
| b     | Dial thickness d1 0.900max was 0.800                 | 13.12.19 | SK       |
| a     | Across flat dimension 26.000 ±150 was 26.000 +20/-40 | 23.10.19 | AF       |
| Index | Alterations                                          | Date     | Sign     |
| Name  | Prepared                                             | Checked  | Approved |
| Date  | 23/11/20                                             | 23/11/20 | 23/11/20 |

TITAN COMPANY LIMITED HOSUR 635 126

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