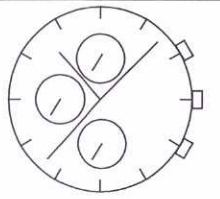


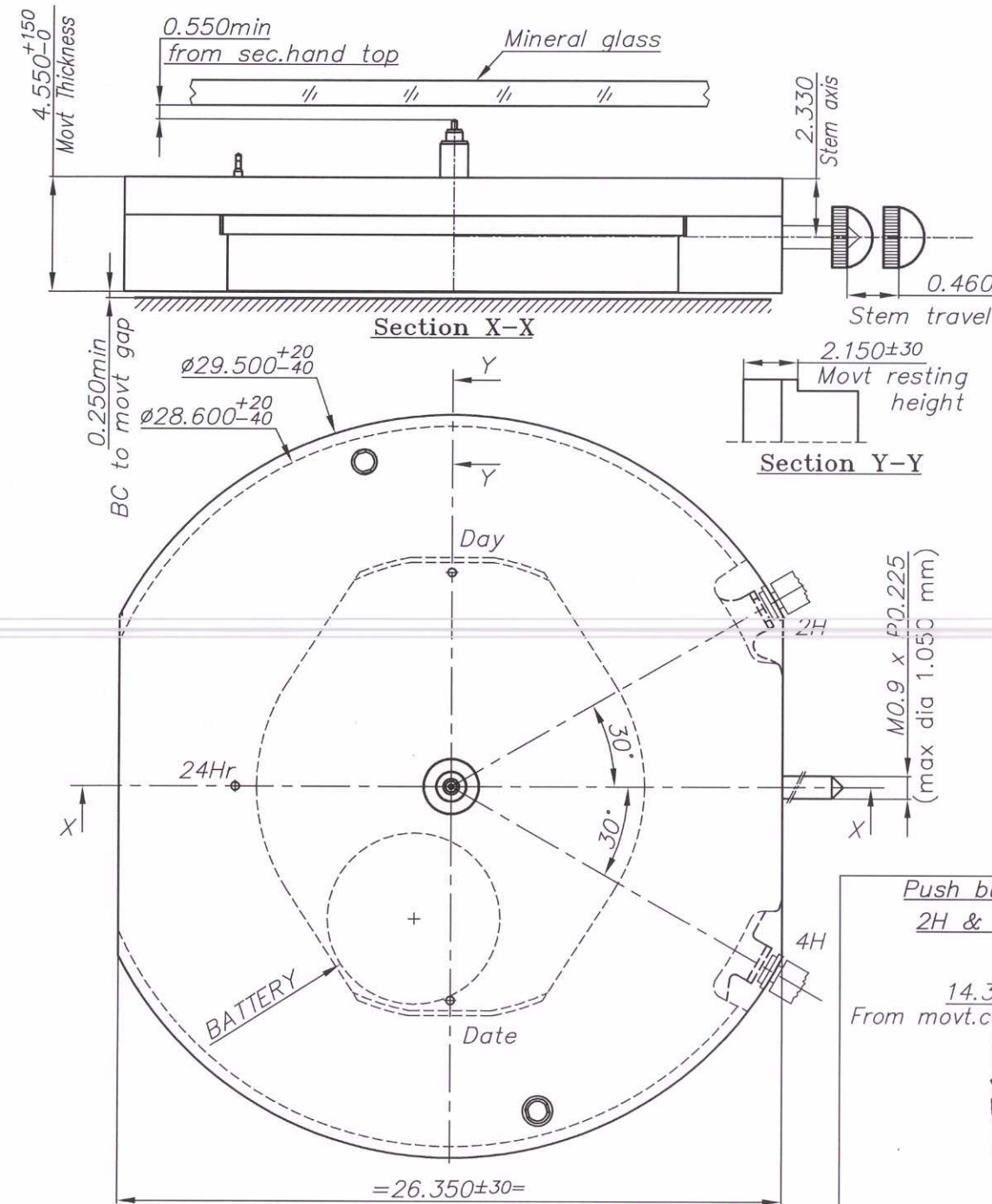


WATCH DIVISION

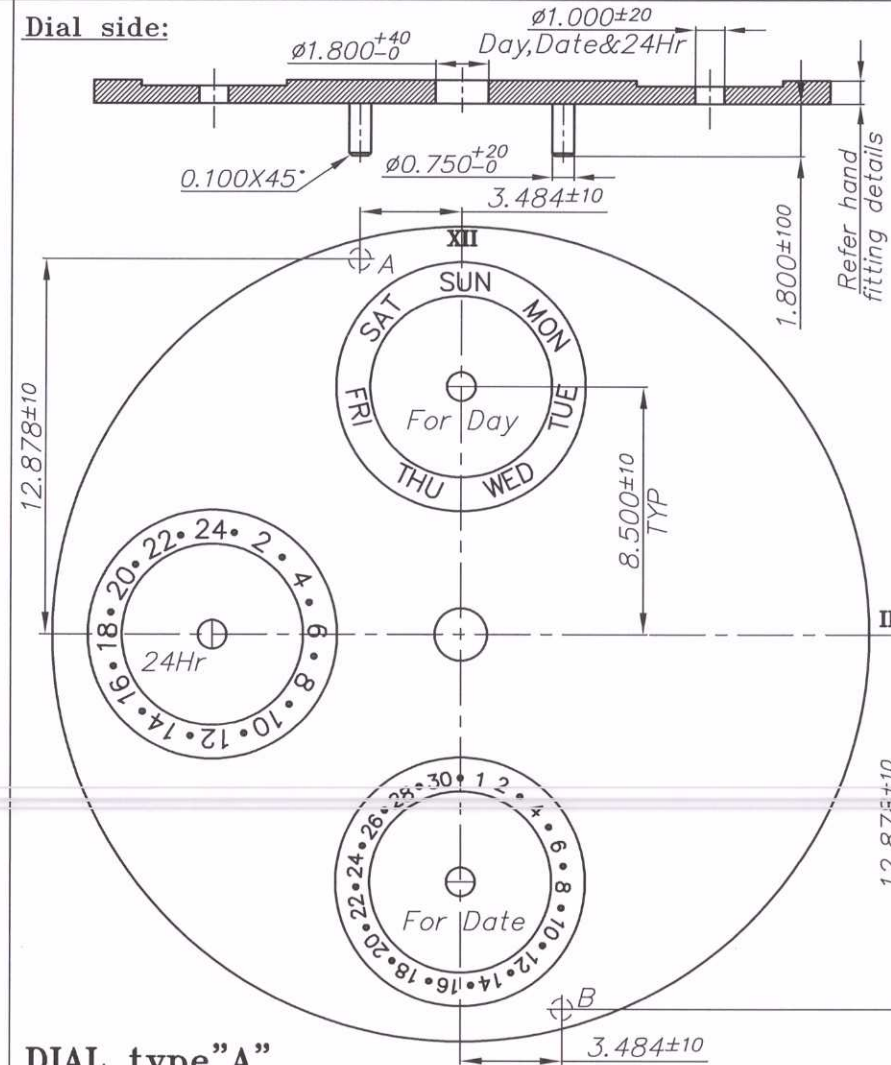
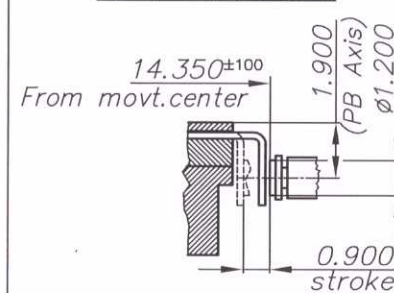
TECHNICAL DATA FOR TITAN MF PUSHBUTTON MOVEMENT – MP33A



Casing Details:

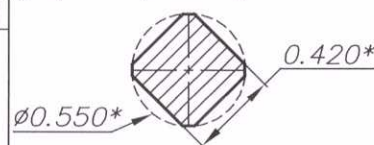


Dial side:

Push button Details:
2H & 4H Button

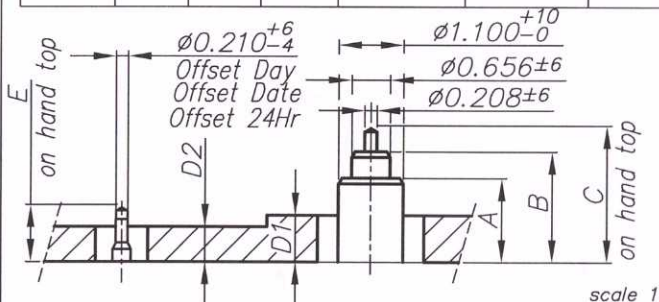
Stem	Stem(ref) length(mm)	L(mm)	stock no.	Threaded lgth from crown side
STD	19.250	21.720	0354788	13.470
L1	22.000	24.470	0354787	8.100
L2	28.000	30.470	0354790	9.970

CALIBRE	BASE MOVT	SUPPLIER CODE
STD	Y121H-H4	TYPE L IV(7)
H1	Y121H-H6	TYPE L V(8)

Setting stem
(Square portion)

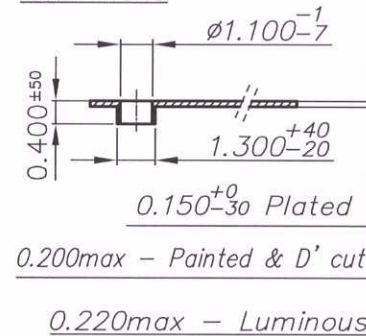
Hand fitting dimensions

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

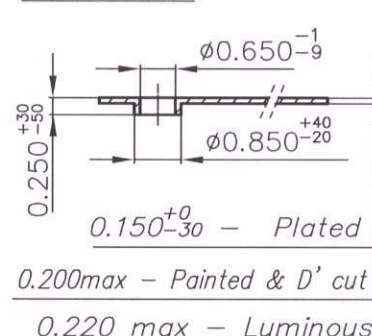


Hand details

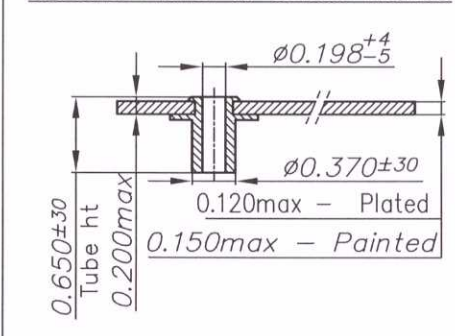
Hour hand



Minute hand



Second Hand & Offset Hands



Movement size	12 3/4" (Ø28.60mm)
Functions	3 hands+ 3 eyes with Pushers Day(12H), Date(6H) & 24Hr(9H)
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	4.00 uNm(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		OFFSET HANDS	
	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
Weight mg (max).	16	20	7	9	3.6	4.5
Imbalance mg.mm (max)	80	100	8	10	4.8	6
Inertia mg.mm ² (max)	—		500		90	
Length mm (max)	14		14		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

e	Hands length updated from 13mm to 14mm	22.10.20	AF
d	Dim 26.200±150mm changed to 26.350±30	12.10.20	AF
c	High version details added	22.07.20	AF
b	Dial thickness D1 0.900max was 0.800	13.12.19	AF

Index	Alterations	Date	Sign
	Prepared		
	Checked		
	Approved		
Name			
Date			

TITAN COMPANY LIMITED HOSUR 635 126

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