

Technical drawing of a wristwatch movement, showing side and top views with dimensions and labels.

Side View (Top):

- Movt Thickness:** 4.550 ± 0.150
- Mineral glass:** 0.550 min from sec. hand top
- Stem axis:** 2.330
- Stem travel:** 0.460
- Movt resting height:** 2.150

Section X-X:

- BC to movt gap:** 0.250 min
- Base Movt. Y121TH4:** $\phi 29.500^{+20}_{-40}$ and $\phi 28.600^{+20}_{-40}$
- Stem travel:** 30° and 30°
- BATTERY:** Indicated by a '+' symbol.
- Day/Date:** Indicated by dots on the dial.
- Overall Diameter:** $= 26.200 \pm 150 =$

Section Y-Y:

- Movt resting height:** 2.150
- Push button:** $2H$ and $4H$
- From movt. ce:** 14.35

DIAL side:

$\phi 1.800^{+40}_{-0}$

$\phi 1.000 \pm 20$

Day & Date

$0.100 \times 45^\circ$

$\phi 0.750^{+20}_{-0}$

3.484 ± 10

1.800 ± 100

Refer hand fitting details

XII

SUN

MON

TUE

WED

THU

FRI

SAT

For Day

8.500 ± 10

TYP

I

12.878 ± 10

For Date

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

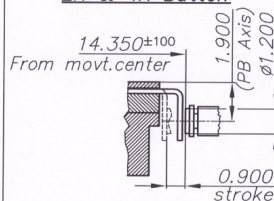
B

3.484 ± 10

DIAL type "A"

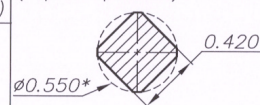
DIAL type "A"

2H & 4H Button



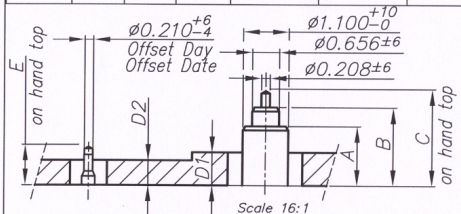
Stem	Stem(ref) length(mm)	L(mm)	stock no.	Threaded lgth frm crown side
STD	19.250	21.720	0354788	13.470
L1	22.000	24.470	0354787	8.100
L2	28.000	30.470	0354790	9.970

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

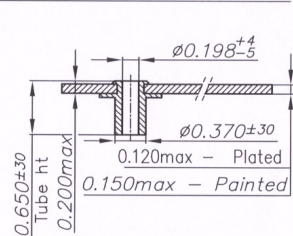


Hand details

$\phi 1.100^{-7}$
 0.400 ± 50
 1.300^{+40}_{-20}
 0.150^{+0}_{-30} Plated
 0.200_{max} - Painted & D' cut
 0.220_{max} - Luminous

Technical drawing of a cross-section of a road surface showing a 100mm wide wheel track. The drawing includes dimensions for the wheel track width (0.250m), the wheel track depth (0.150m), and the wheel track width (0.065m). The wheel track is labeled "Plated" and "Painted & D' cut". The wheel track width is labeled "0.250max" and "0.220 max".

Second Hand & Offset Hands



Movement size	12 3/4" (Ø28.60)						
Functions	3 hands+ 2 eyes with Pushers Day(12H) & 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					
	Life (theoretical)	48 months					
	Battery holding	Side clamping					
HANDS	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)		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 0.900max was 0.800max | 13.12.19 | SK |
| a | Across flat dimension 26.000 ± 150
was $26.000 + 20/-40$ | 23.10.19 | AF |

Index	Alterations	Date	Sign
	Prepared	Checked	Approved
Name	[Signature]	Fujita	Dong
Date	8/7/20	3/2/20	2/2/20

TITAN COMPANY LIMITED HOSUR 635 126

T-3014 c

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