

CH DIVISION

Casing dimensions

Mineral glass

0.550min

2.300

0.200min

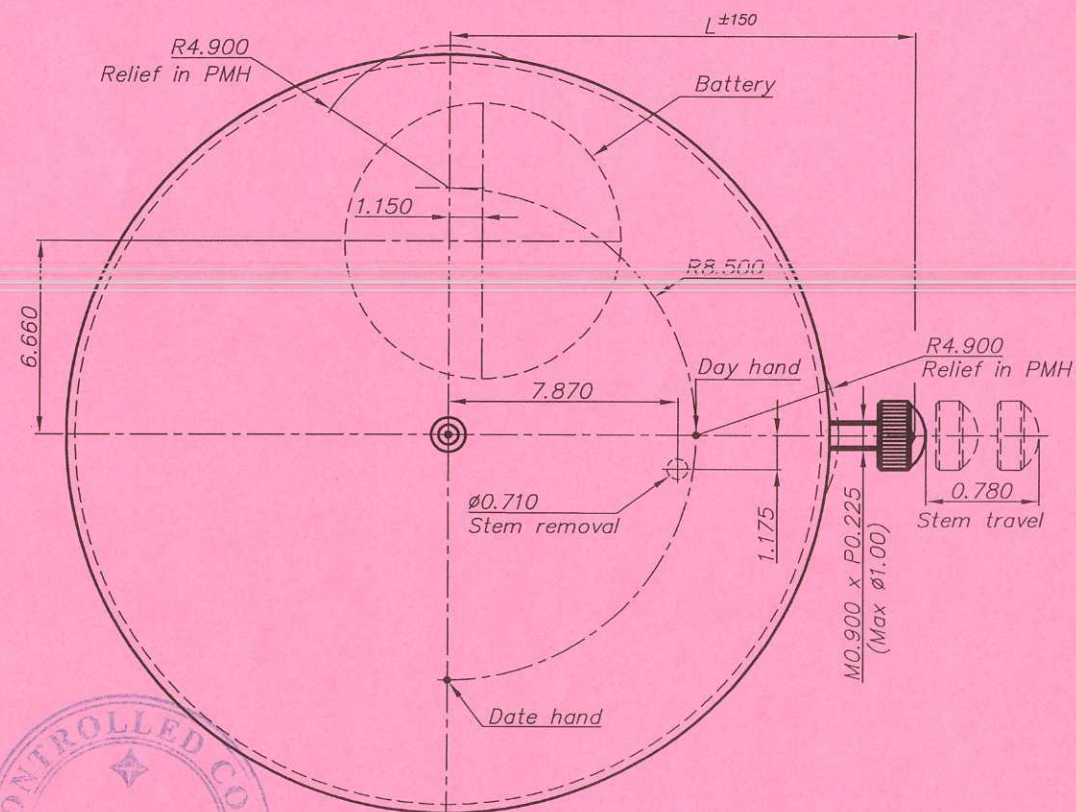
Back cover

$\phi 25.600_{-53}^{-20}$

$\phi 26.200_{-30}^{+0}$

2.500 (stem height)

4.100 $^{+100}_{-0}$ (Movt. thick)



<i>Stem</i>	<i>L(mm)</i>	<i>Stem(ref)</i> <i>length(mm)</i>	<i>Stem thread length</i> <i>from crown</i> <i>fitting</i> <i>side</i>	<i>Stock No</i>
<i>STD</i>	<i>21.800</i>	<i>18.620</i>	<i>12.400</i>	2704153
<i>L1</i>	<i>23.150</i>	<i>20.000</i>	<i>8.000</i>	2704161
<i>L2</i>	<i>27.150</i>	<i>24.000</i>	<i>12.000</i>	2704162
<i>L3</i>	<i>28.150</i>	<i>25.000</i>	<i>12.000</i>	2704173

Technical drawing of a clock dial assembly, Type A. The drawing shows a circular dial with a diameter of 10.500 ± 10 . The dial has a central hole with a diameter of $\phi 1.800^{+40}_{-0}$. The dial is mounted on a plate with a thickness of 2.800 ± 10 . The mounting holes are spaced 10.500 ± 10 apart. The dial has two sub-dials: a day sub-dial (SAT, SUN, MON, TUE, WED, THU, FRI) and a date sub-dial (1-31). The dial is labeled 'XII' at the top. The drawing includes dimensions for the dial, mounting holes, and sub-dials.

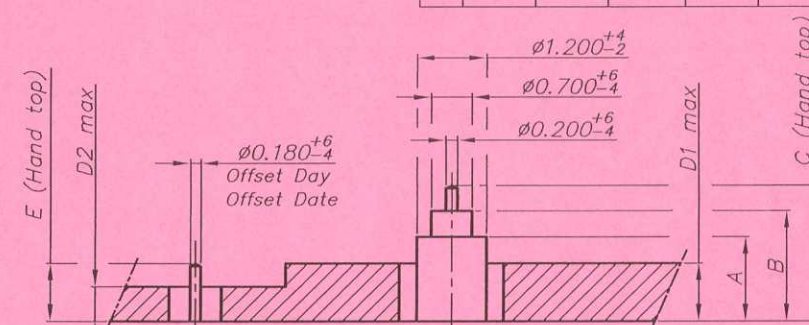
Dimensions and features:

- Dial diameter: 10.500 ± 10
- Mounting hole spacing: 10.500 ± 10
- Mounting hole diameter: $\phi 0.750^{+20}_{-0}$
- Mounting hole depth: 2.800 ± 10
- Mounting hole chamfer: $0.100 \times 45^\circ$
- Central hole diameter: $\phi 1.800^{+40}_{-0}$
- Day sub-dial diameter: $R8.500 \pm 10$
- Date sub-dial diameter: $R8.500 \pm 10$
- Reference hand fitting dimension: Refer Hand Fitting Dim

Note:

- 1.H1 Version is for Embossed/Hybrid dial of 1.200mm(max.) thickness
- 2.Stem height in case design to be followed according to the dial thickness
3. Dial diameter @ counters to consider 0.500mm more than the hand length

Cal	A	B	C	E	D1	D2
STD	1.450	1.900	2.340	1.000	1.000	0.600
H1	1.670	2.140	2.610	1.150	1.200	0.800



Hand details

<i>Calibre</i>	H
<i>STD</i>	0.500
<i>H1</i>	0.650

<i>Calibre</i>	G
<i>STD</i>	0.500
<i>H1</i>	0.650

- 1) All Dim. are in mm
- 2) Tolerance in μm
- 3) Quick setting is provided for the Day & Date.
- 4) Crown spacer required
- 5) Jewel support to be provided at center while hand fixing

Technical drawing of a shaft-hub assembly. The drawing shows a shaft with a diameter of $\phi 1.200_{-8}^{-2}$ mm and a hub with a diameter of $\phi 1.400_{\pm 30}$ mm. The shaft is inserted into the hub, and the assembly is shown with a break line. The dimensions and tolerances are as follows:

- Shaft diameter: $\phi 1.200_{-8}^{-2}$
- Hub diameter: $\phi 1.400_{\pm 30}$
- Shaft length: $0.500_{\pm 30}$
- Hub length: 0.150_{-30}^{+90} Plated
- Hub length: 0.200_{max} - Painted & D' cut
- Hub length: 0.220_{max} - Luminous

Technical drawing of a shaft with the following dimensions and specifications:

- Overall diameter: $\phi 0.700_{-0.010}^{-0.004}$
- Step diameter: $\phi 0.900 \pm 0.030$
- Step height: $0.150_{-0.030}^{+0.0}$ - Plated
- Surface finish: 0.200_{max} - Painted & D' cut
- Surface finish: 0.220_{max} - Luminous
- Overall length: 0.250 ± 0.020

STD	0.50
H1	0.65

Offset Date hand

STD	0.120max
H1	0.150max

$G+30$

$0.200max$

$\phi 0.180_{-0.006}^0$

$\phi 0.370_{+0.030}$

$0.120max$ - Plate

$0.150max$ - Painted

Movement size	11 1/2''' (25.60 mm)
Functions	3 hands + 2 eyes (Date @ 6H/Day @ 3H)
Thickness	4.10 mm (including battery)
Stem height	2.50 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 k Ω
Current consumption	0.81 μ A(Typ) ~ 1.05 μ A(max)
Torque at Second hand	3.5 μ Nm/(mm) ² 5.0 μ Nm/(tp)

Effective temperature range	0 to +55°C
Resistance to magnetic field	18.8 Oe

POWER CELL	Type	SR920SW
	Size	Ø9.5 x 2.1 mm
	Voltage	1.55 V
	Capacity	45 mAh
	Life (theoretical)	60 months
	Battery clamping	Positive (Top clamp)

HANDS	DESCRIPTION		MINUTE HAND	SECOND HAND	DATE HAND DAY HAND
	<i>Imbalance mg.mm</i>		60	15	6
	<i>Inertia mg.mm²</i>		500	250	90
	<i>Weight mg (max).</i>		12	7	4.5
	Length mm(max)	Brass	14.5	14.5	4.5
		Dural	17.5	17.5	—

[illegible]

	Prepared	Checked	Approved
Name	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Date	7/10/20	7/10/20	7/10/20

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Sheet 1 of 1

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