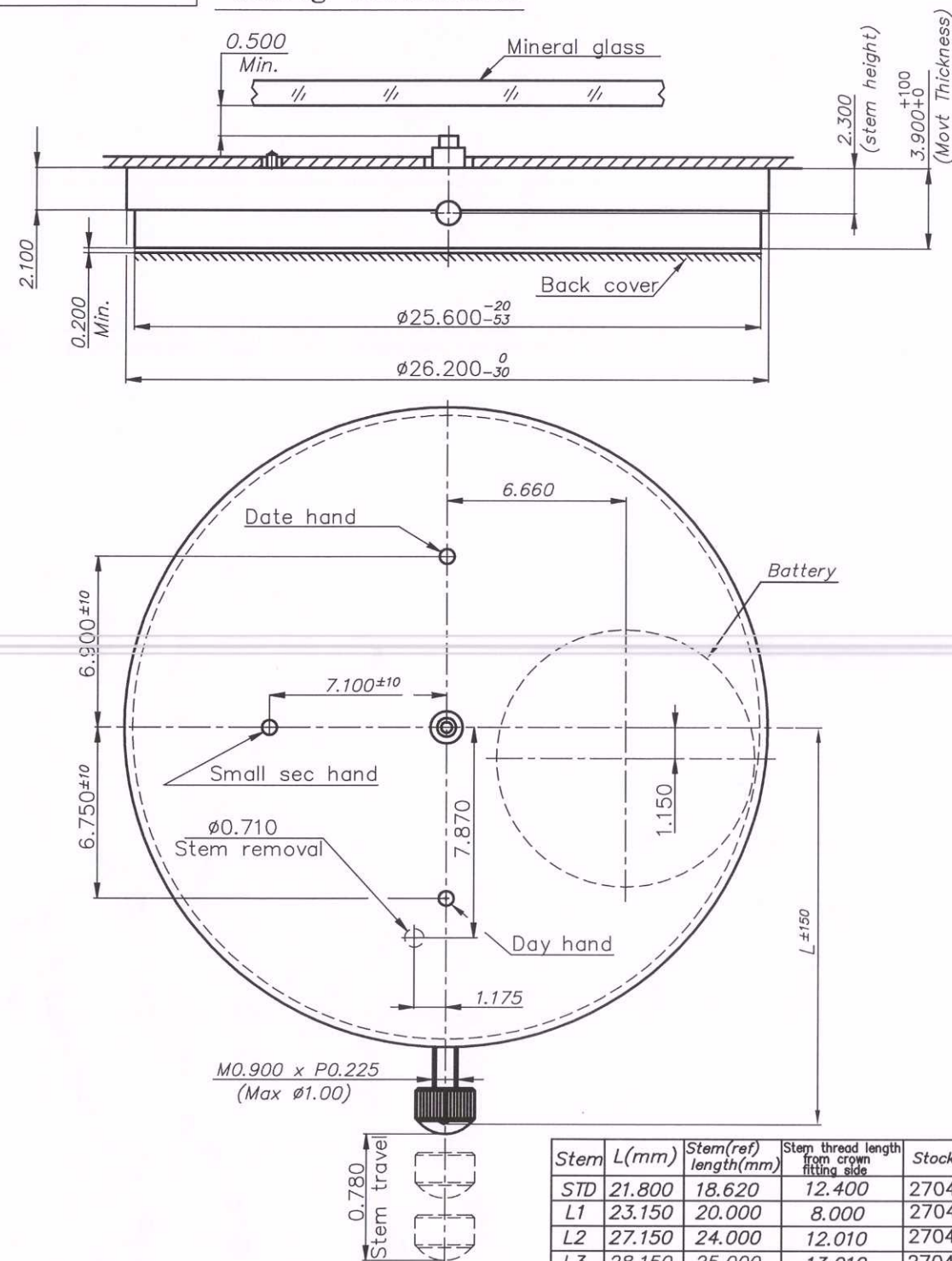
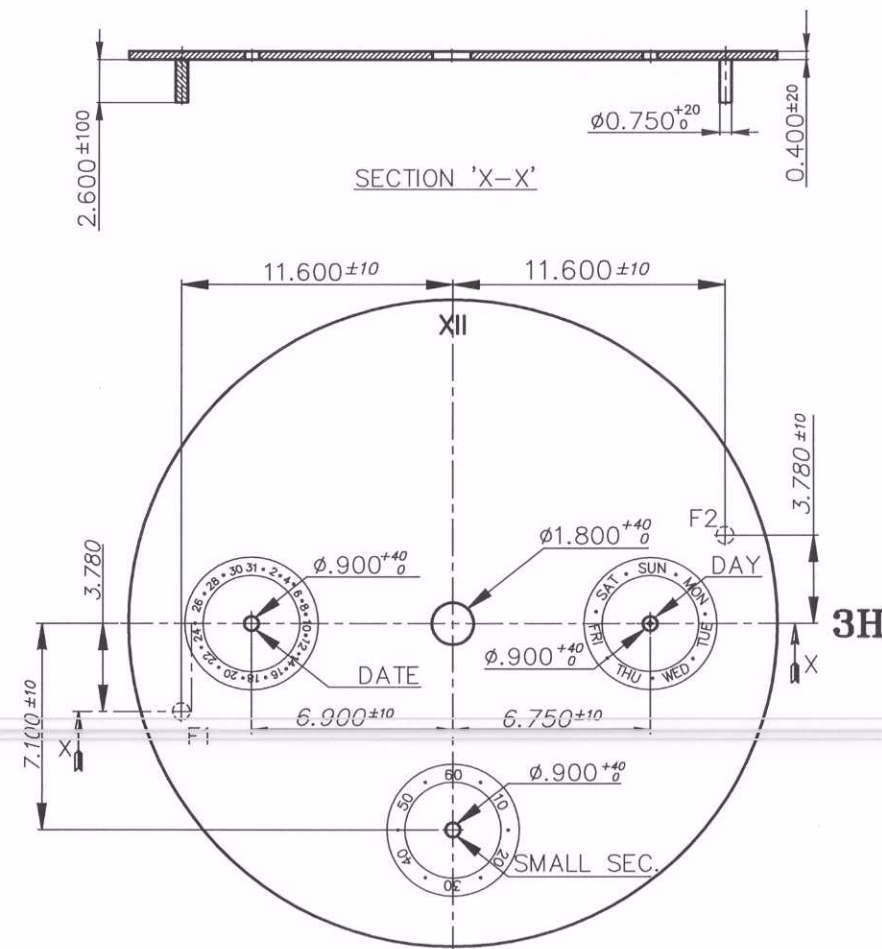


Casing dimensions

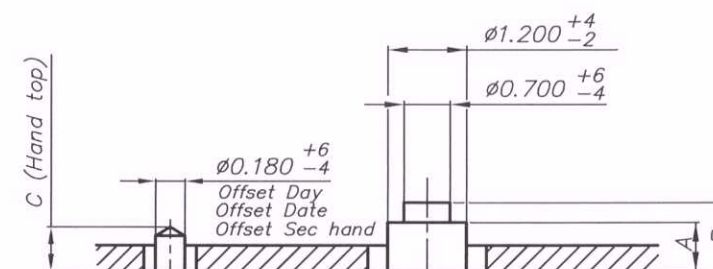


<i>Stem</i>	<i>L(mm)</i>	<i>Stem(ref) length(mm)</i>	<i>Stem thread length from crown filing side</i>	<i>Stock No</i>
<i>STD</i>	<i>21.800</i>	<i>18.620</i>	<i>12.400</i>	<i>2704153</i>
<i>L1</i>	<i>23.150</i>	<i>20.000</i>	<i>8.000</i>	<i>2704161</i>
<i>L2</i>	<i>27.150</i>	<i>24.000</i>	<i>12.010</i>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

Type A (STD version)

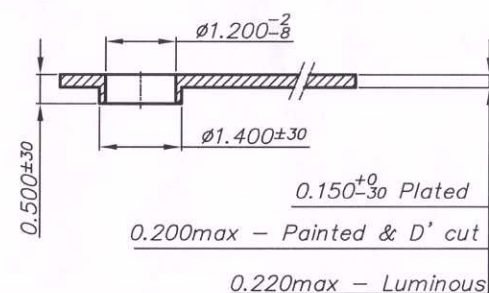
Hand fitting dimensions

<i>Calibre</i>	<i>A</i>	<i>B</i>	<i>C</i>
<i>STD</i>	1.200	1.600	0.750
<i>H1</i>	1.650	2.100	1.000

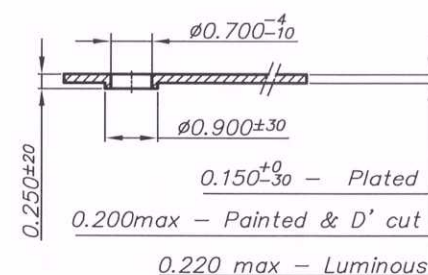


Hand details

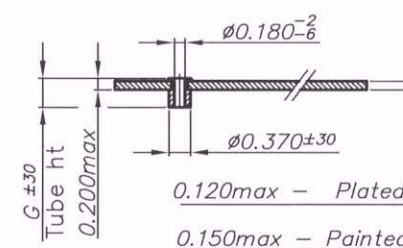
Hour hand



Minute hand



<i>Offset Day hand / Offset 24Hr hand/ Offset sec hand</i>



<i>Calibre</i>	G
<i>STD</i>	0.500
<i>H1</i>	0.750

<i>Movement size</i>	11 1/2" (25.60 mm)
<i>Functions</i>	2 hands + 3 eyes (Small sec at 6H/Date at 9H/Day at 3H)
<i>Thickness</i>	3.90 mm (including battery)
<i>Stem height</i>	2.30 mm
<i>No. of jewels</i>	03
<i>Type of IC</i>	C-MOS-LSI
<i>Quartz frequency</i>	32,768 Hz
<i>Accuracy</i>	±20 sec/month
<i>Pulse rate</i>	1 pulse per Second.
<i>Coil resistance</i>	2.90 k Ω
<i>Current consumption</i>	0.81uA(Typ) ~ 1.05uA(max)
<i>Torque at Second hand</i>	3.5 μ Nm(min) – 6.0 μ Nm(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 clamping	Positive (top clamp)

HANDS	DESCRIPTION		MINUTE HAND	SMALL SEC HAND 24Hr HAND DAY HAND
	Imbalance mg.mm		60	6
	Inertia mg.mm ²		500	90
	Weight mg (max).		12	4.5
	Length mm(max)	Brass	14.5	4.5
		Dural	18	4.5

Note: 1) All dimensions are in mm.
2) Tolerances in μm .
3) Quick setting is provided for the Day & Date.
4) Jewel Support: NA
5) Reset function available & Crown spacer to be used

Ind	Alterations	Date	Sign
e	Hands length details updated	29.9.19	RTMK
	Prepared	Checked	Approved
Name			
Date	29/9/19		1/10/19

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Sheet 1 of 2



WATCH DIVISION

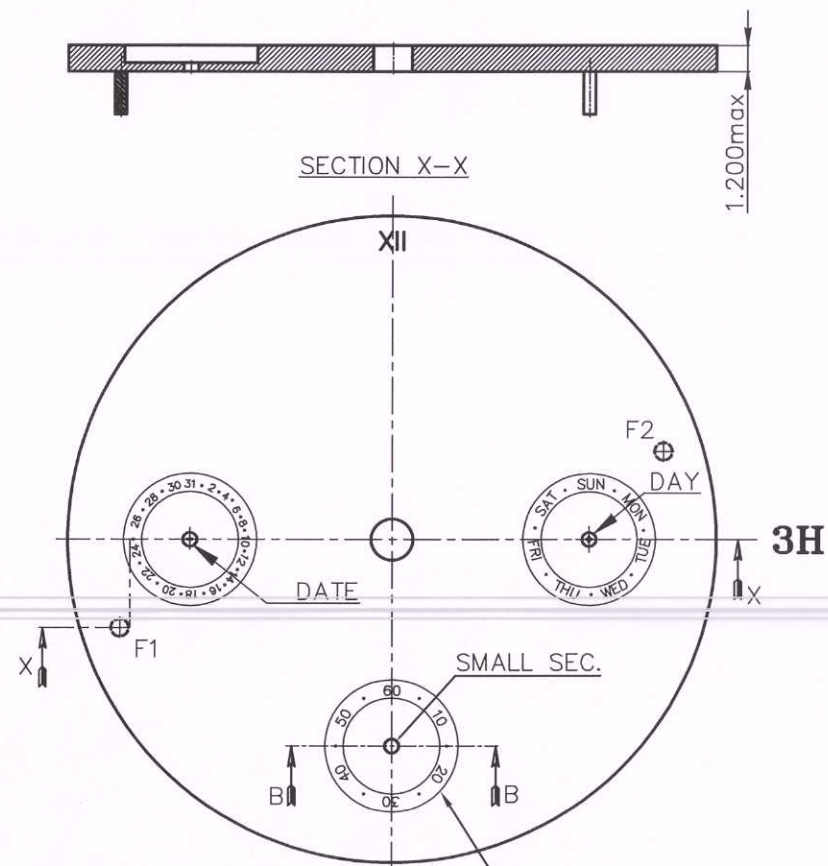
TECHNICAL DATA FOR MULTIFUNCTION MOVEMENT – CAL.7M23



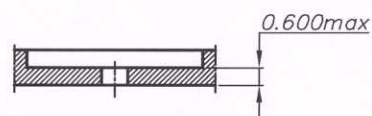
Dial details

* For other details refer dial type A

TYPE B (HIGH VERSION)



Diameter to be considered 0.500mm more than the Hand/Disc diameter for all eyes



SECTION "B"

(Section B is applicable for sec , date & day eye)

*NOTE:

1. Cal.7M23 High (H1) is for Embossed/Hybrid dial of 1.200mm(max.) thickness.
2. Stem height in case design to be followed according to the dial thickness.

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K: \Drawings\Tech data\TCL\7M23_new.dwg

Index	Alterations	Date	Sign
Prepared		Checked	Approved
Name			
Date			

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T-2723

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