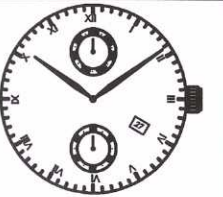


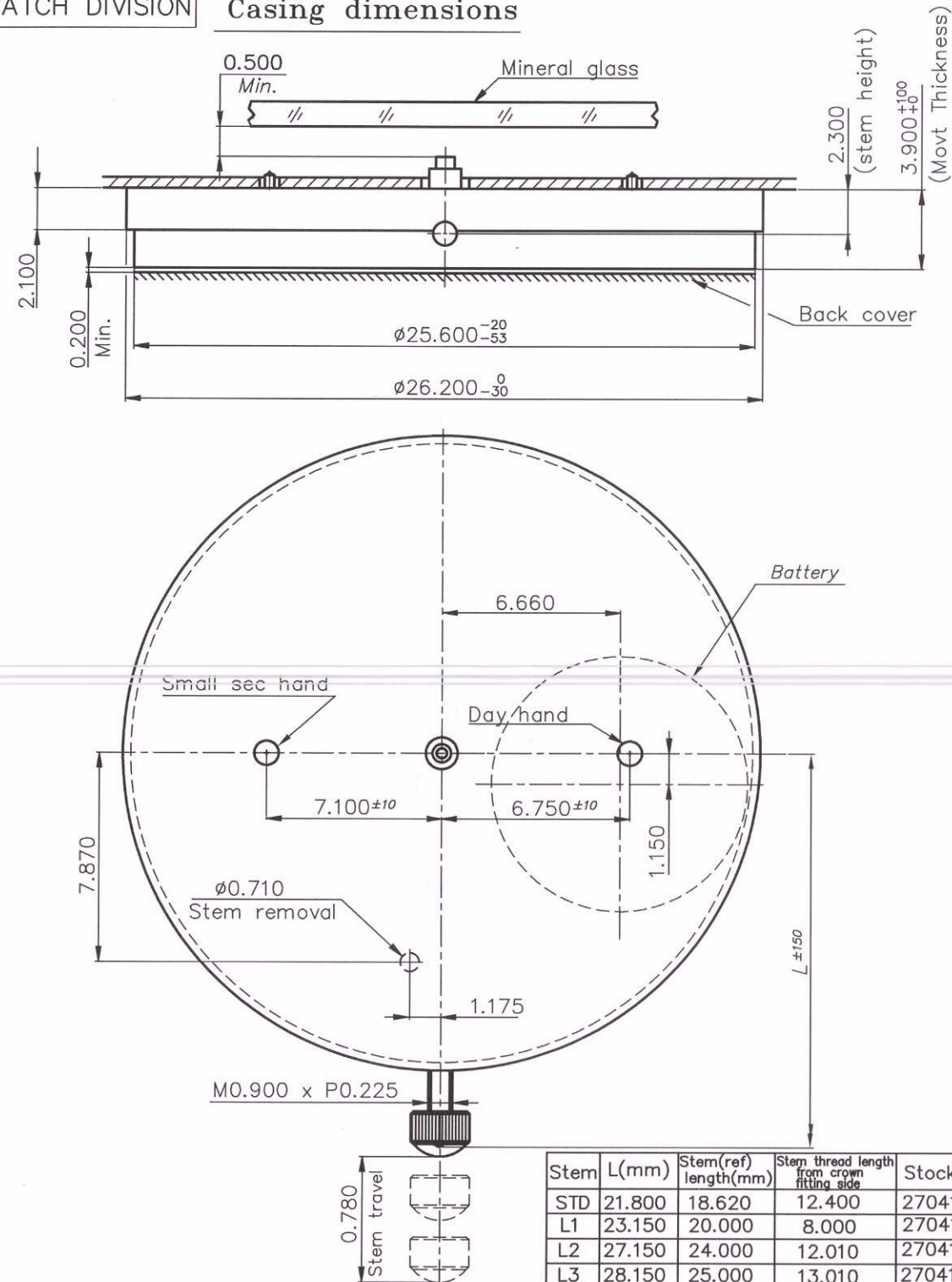


WATCH DIVISION

TECHNICAL DATA FOR MULTIFUNCTION MOVEMENT – CAL.7M09

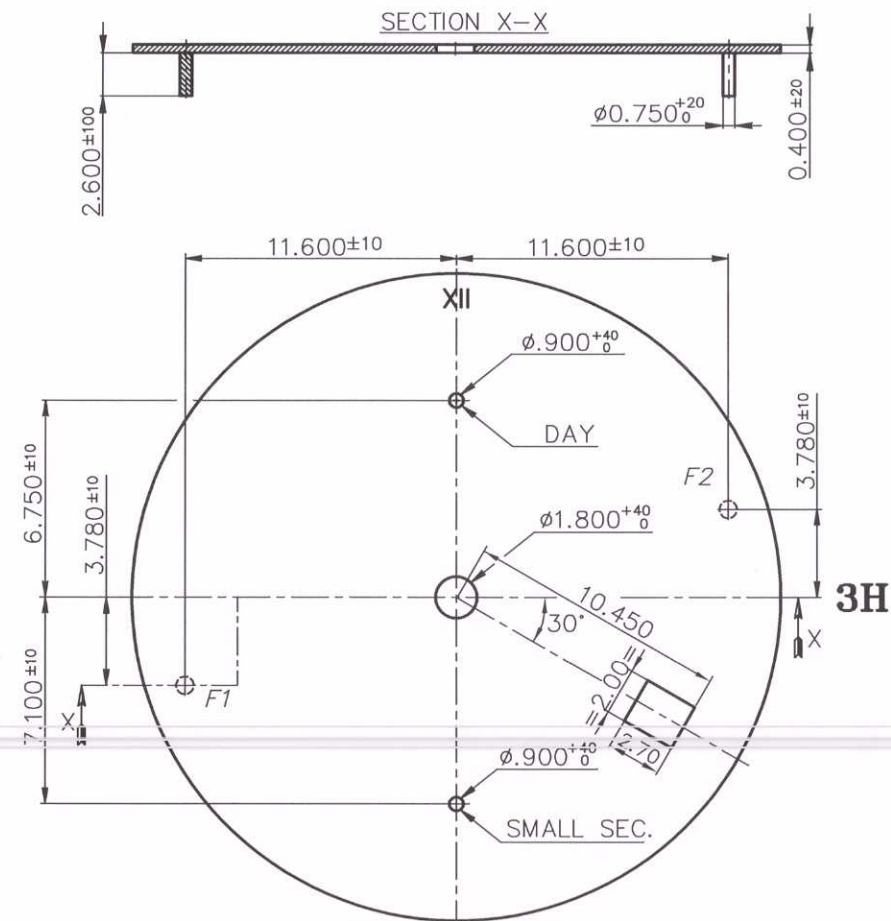


Casing dimensions



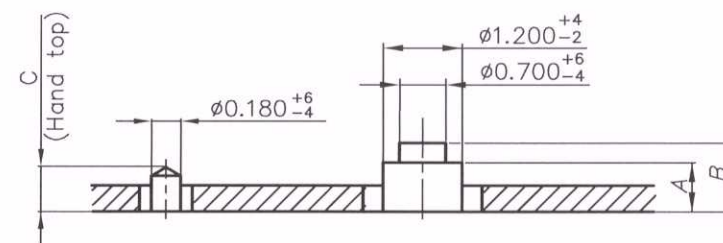
Stem	L(mm)	Stem(ref) length(mm)	Stem thread length from crown fitting side	Stock No
STD	21.800	18.620	12.400	2704153
L1	23.150	20.000	8.000	2704161
L2	27.150	24.000	12.010	2704162
L3	28.150	25.000	13.010	2704173

Dial details (Type:A)



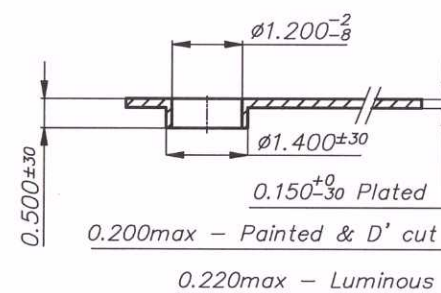
Hand fitting dimensions

Calibre	A	B	C
STD	1.200	1.600	0.750
H1	1.650	2.100	1.000

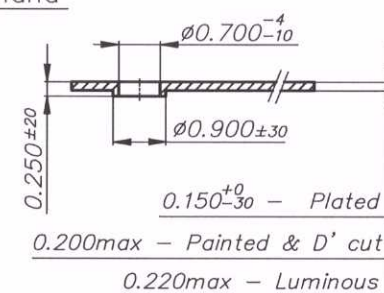


Hand details

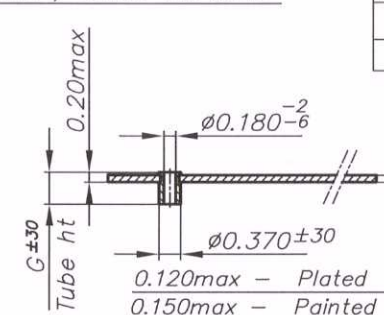
Hour hand



Minute hand



Offset Day hand / Offset sec hand



Calibre	G
STD	0.500
H1	0.750

Movement size	11 1/2" (25.60 mm)
Functions	2 hands + 2 eyes + Date (Small sec at 6H/Day at 12H/Date at 4H)
Thickness	3.90 mm (including battery)
Stem height	2.30 mm
No. of jewels	03
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 kΩ
Current consumption	0.81uA(Typ) ~ 1.05uA(max)
Torque at Second hand	3.5 μNm(min) – 6.0 μNm(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 DAY HAND
	Imbalance mg.mm	60	6
	Inertia mg.mm ²	500	90
	Weight mg (max).	12	4.5
	Length mm(max)	Brass 13 Dural 18	3.5

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
c	Counter hand dial thick 0.600 was 0.400	18.06.19	RTMK
	Hand fixing ht 1.000 was 0.750mm for H1		
	Prepared	Checked	Approved
Name			
Date			

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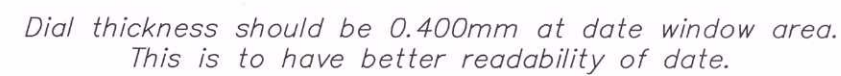
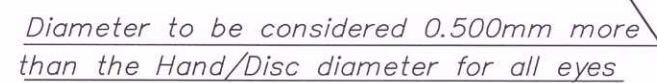
K: Drawings Tech data TCL 7M09.dwg



Dial details

* For other details refer dial type A

TYPE B (HIGH VERSION)

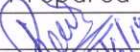
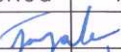


*NOTE:

1. Cal. 7M09 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.

Index	Alterations	Date	Sign

T-25

	Prepared	Checked	Approved
Name			
Date	18/6/19	18/6/19	

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