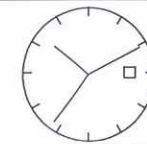
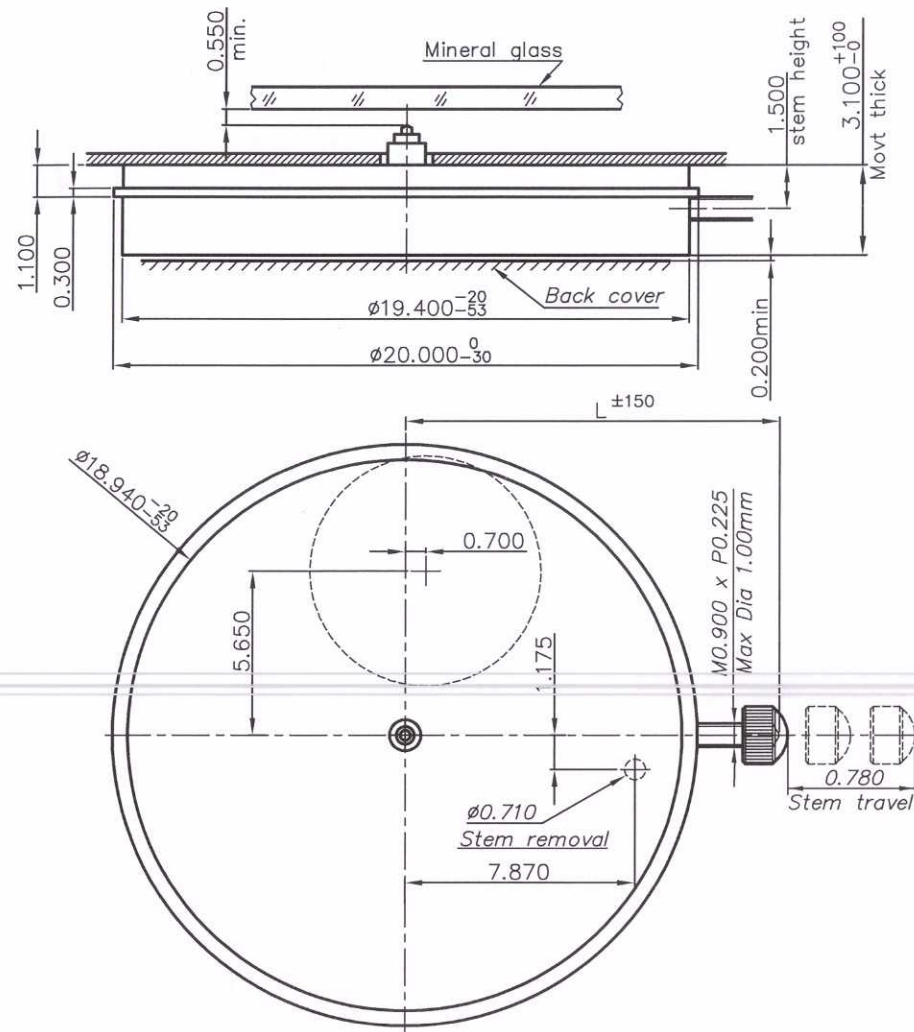




TECHNICAL DATA FOR Cal. 7021

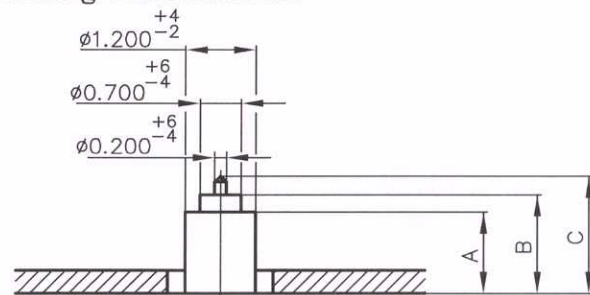


CASING DETAILS



Stem	Stem(ref) length(mm)	L(mm)	stock no.	Threaded lgth frm crown side
STD	18.620	21.800	2704153	12.400
L1	20.000	23.150	2704161	8.000
L2	24.000	27.150	2704162	12.000
L3	25.000	28.150	2704173	12.000

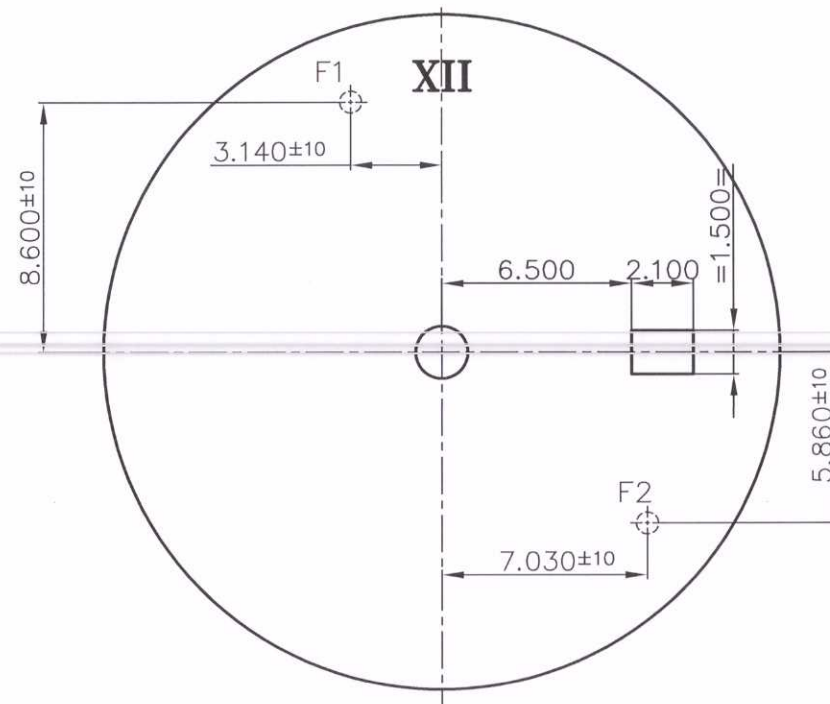
Hand Fitting Dimensions:



Calibre	A	B	C	D*±20
STD	0.750	1.050	1.370	0.400
STD+	0.850	1.300	1.770	0.400
H1	1.300	1.700	2.020	0.800

DIAL DETAILS

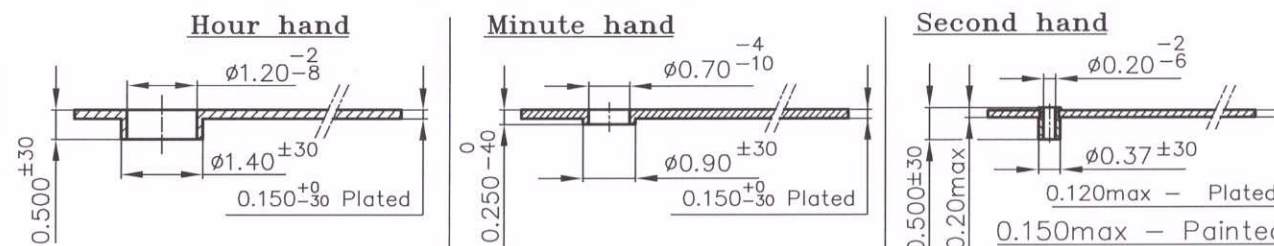
- *NOTE:
- Cal.7020 High is for VGP/VNP dial(D) of 0.400mm thickness and Embossed / Hybrid dial(D) of 0.800mm(max.) thickness.
 - Stem height in case design to be followed according to the dial thickness.



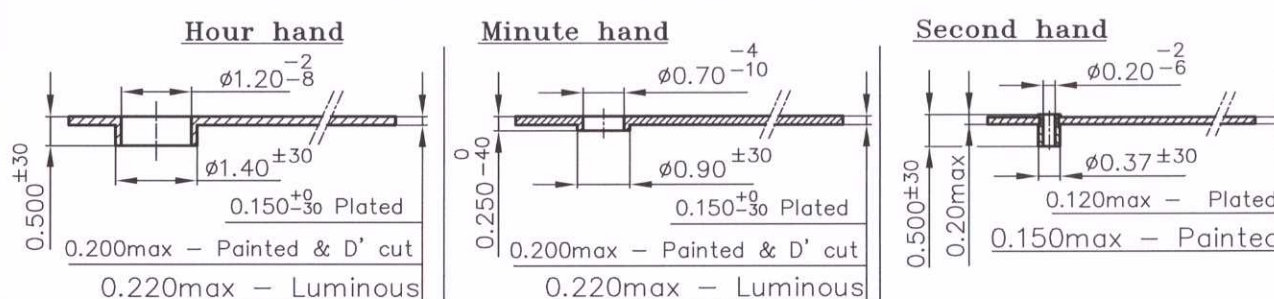
TYPE-A

Jewel Support	Reset Function
Needed	Available

Hand details for STD version



Hand details for H1 & STD+ versions



Movement size	8 3/4''' (ø19.40mm)			
Functions	Three hands+Date			
Thickness	3.10 mm (Including Battery)			
Stem height	1.50 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 kΩ (Typ)			
Current consumption	0.81μA(typ) – 1.05μA(max)			
Torque at Second hand	4.0 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	SR721SW		
	Size	ø7.90 x 2.1 mm		
	Voltage	1.55 V		
	Capacity	29 mAh		
	Life (theoretical)	48 months		
	Battery locking	Top clamping		
HANDS	DESCRIPTION		MINUTE HAND	SECOND HAND
	Imbalance mg.mm		60	15
	Inertia mg.mm ²		500	250
	Weight mg (max).		12	7
	Length mm (max)	STD,STD+ & H1	13.00	13.00
	Material		BRASS	BRASS

Notes:

- All dimensions are in mm.
- Tolerances in μm.
- Clearance MG to SH top increased 0.550, should consider from new case designs
- STD+ version to use in place of STD version for using 0.220mm thick hands with good hands clearance

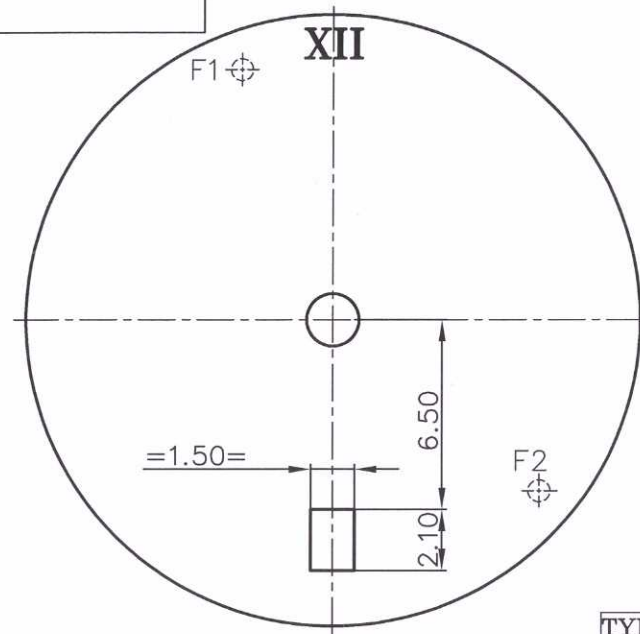
b)	Date window for 3H & 6H standardised	19.09.03	nv
c)	Window at 4H details added	23.11.05	jay
d)	Round Window at 3H details added	17.07.06	jay
e)	Round Window at 9H details added	11.10.06	jay
f)	Stem dim details added	16.3.07	vr
g)	Long stem 25.00mm(28.15) added	29.9.09	jay
h)	Type F dial opening added & hand thick tol updated	1.1.10	jay
i)	handsdescription & power cell details update	20.5.13	velu

Index	Alterations	Date	Sign
	Prepared	Checked	Approved
Name			
Date			

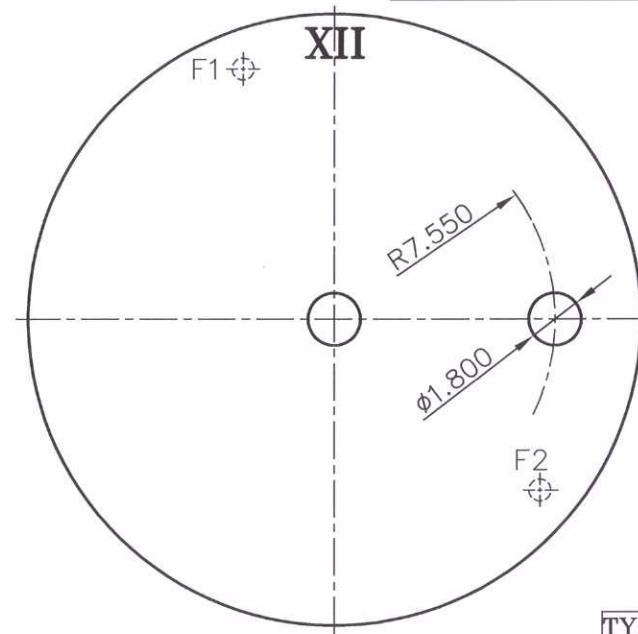


TECHNICAL DATA FOR Cal.7021

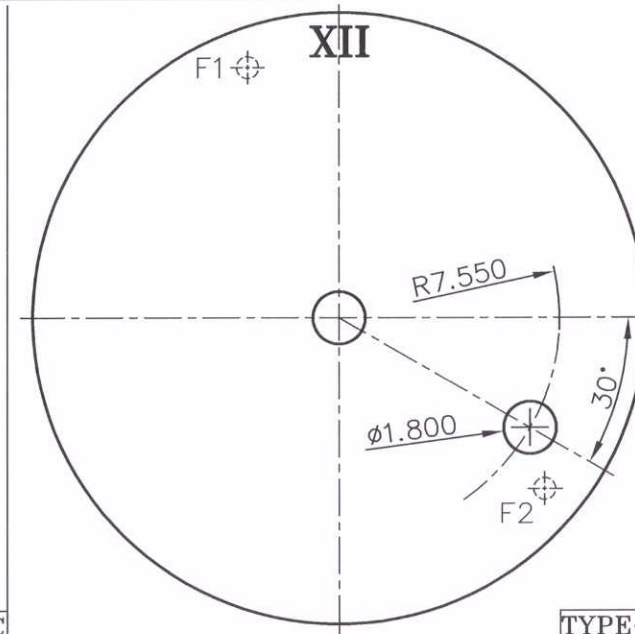
Note : For other details refer "TYPE A"



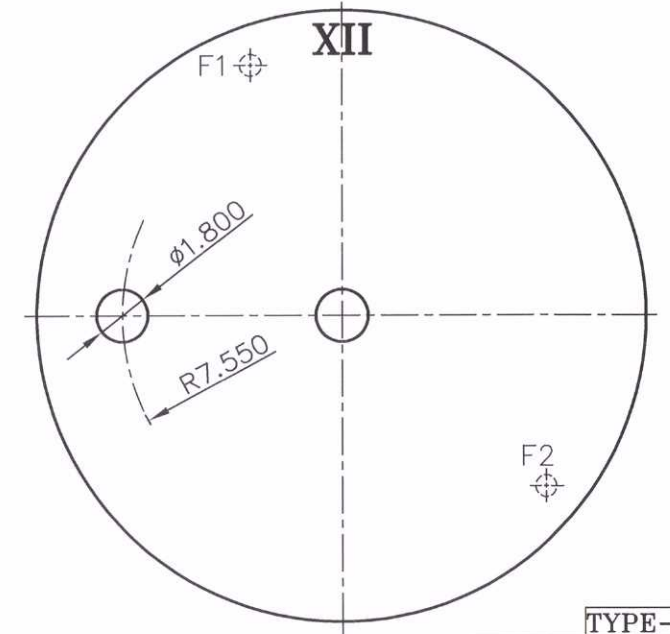
TYPE-B



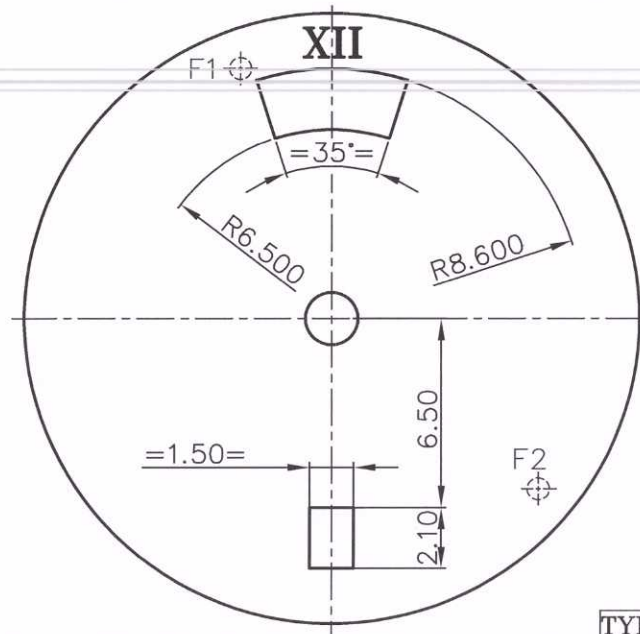
TYPE-C



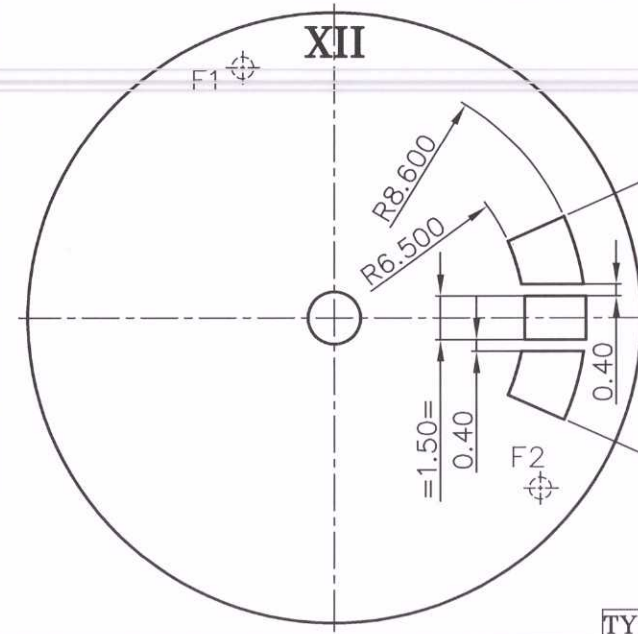
TYPE-D



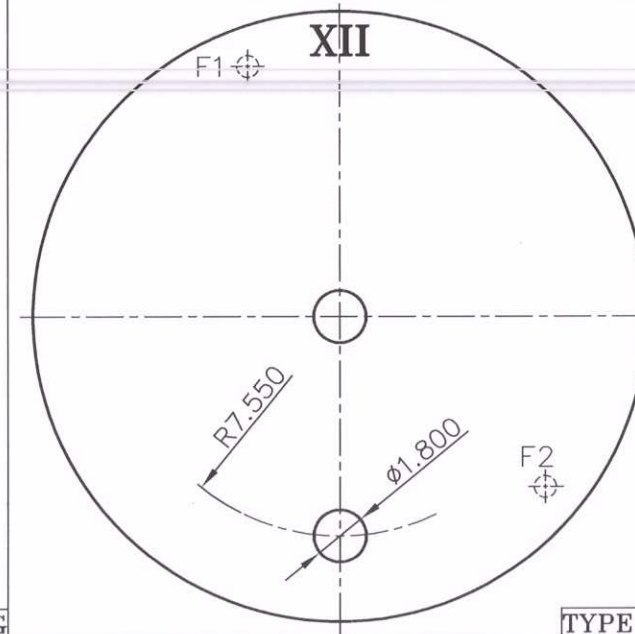
TYPE-E



TYPE-F



TYPE-G



TYPE-H

j)	Movt thick 3.10 +100/+0 was 3.00mm; Hands details updated; Clearance MG to SH top 0.550 was 0.500; High3 version added to replace STD version; High version Tech data T2517(j) merged to T2428	21.05.16	jay	P T-2421
k)	In Hand fitting dim, Cal ref updated - Draft Error	03.06.16	jay	
L)	Dial type "G" added	22.05.17	jay	
m)	Rodalphe version removed	13.12.18	AKASH	
n)	Reep electrical details updated & battery capacity changed	11.05.19	AKASH	
p)	Hybrid version removed & H3 changed to STD+ Dial type "H" added	7.10.20	RTMK	
Index	Alterations	Date	Sign	
Name	Prepared	Checked	Approved	
Date				