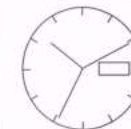


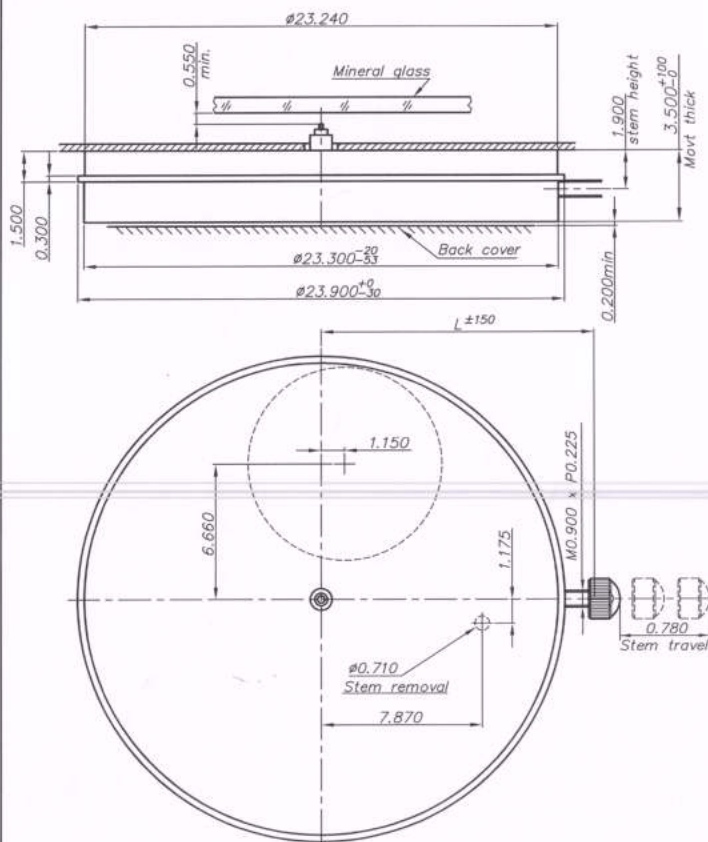


WATCH DIVISION

TECHNICAL DATA FOR 7122



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:

*NOTE:

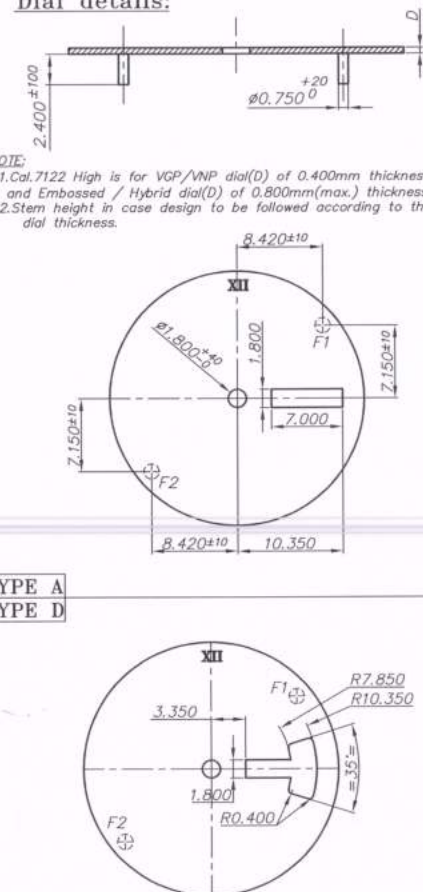
1. Cal. 7122 High is for VGP/VNP dial(D) of 0.400mm thickness and Embossed / Hybrid dial(D) of 0.800mm(max.) thickness.
 2. Stem height in case design to be followed according to the dial thickness.

TYPE A
TYPE D

Jewel Support
Needed

Reset Function
Available

NOTE: For other details ref. "TYPE A"



Movement size	10 1/2" (23.30 mm)
Functions	Three hands + Day-Date
Thickness	3.50 mm
Stem height	1.90 mm
No. of jewels	1
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	0.81uA(typ) - 1.05uA(max)
Torque at Second hand	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	$\phi 9.5 \times 2.1$ mm
	Voltage	1.55 V
	Capacity	45 mAh
	Life (theoretical)	60 months
	Battery locking	Top clamping

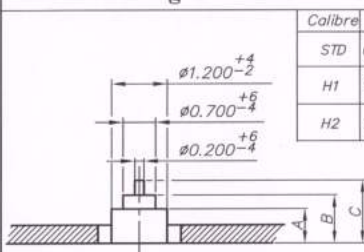
HANDS	DESCRIPTION		MINUTE HAND	SECOND HAND
	Imbalance mg.mm		60	15
	Inertia mg.mm ²		500	250
	Weight mg (max).		12	7
	Length mm (max)	STD & H1	13	13
H2		15	15	
	Material		BRASS	AVINOL

Notes :			
1) All dimensions are in mm.			
2) Tolerances in μ m.			
3) Clearance MG to SH top increased 0.550, should consider from new case designs			
d) Type E,F&G dial openings added	15.9.07	jayaram	
; Stem dim details added; Page 2 added			
Index	Alterations	Date	Sign

Prepared	Checked	Approved
Name	Name	Name
Date	Date	Date

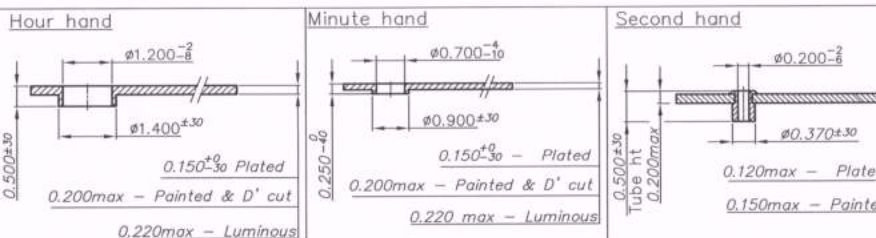
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Hand fitting dimensions:



Calibre	A	B	C	D
STD	0.900	1.300	1.620	0.400 ± 0.020
H1	1.200	1.600	1.920	0.800 max
H2	1.720	2.240	2.760	1.200 max

Hand details



Notes :			
1) All dimensions are in mm.			
2) Tolerances in μ m.			
3) Clearance MG to SH top increased 0.550, should consider from new case designs			
d) Type E,F&G dial openings added	15.9.07	jayaram	
; Stem dim details added; Page 2 added			
Index	Alterations	Date	Sign

Prepared	Checked	Approved
Name	Name	Name
Date	Date	Date

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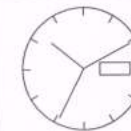
K:\Drawings\Tech Data\TCL\7122.dwg

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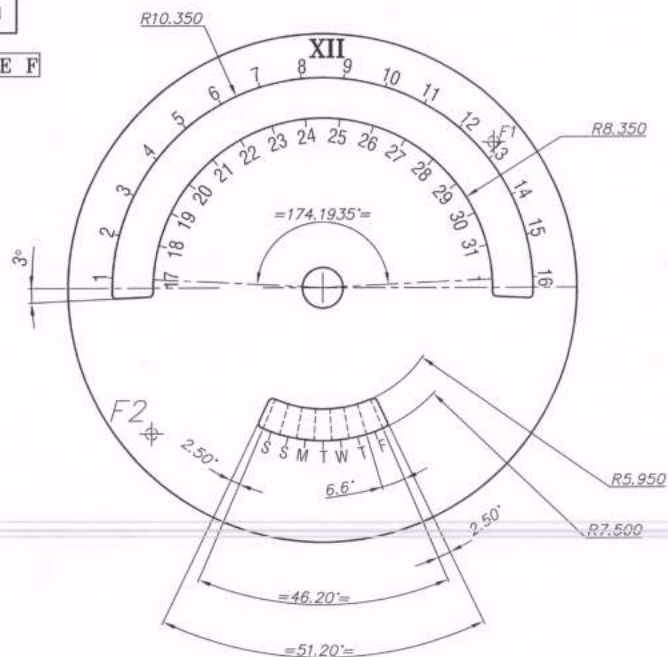


WATCH DIVISION

TECHNICAL DATA FOR 7122



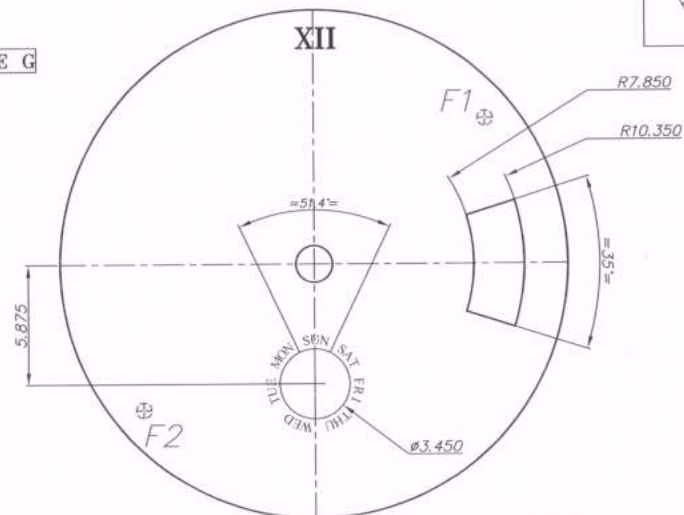
TYPE F



1. On DIAL within 46.2° DAY indication text has to print
2. On DIAL within 174.19°(include angle) Date indication text has to print

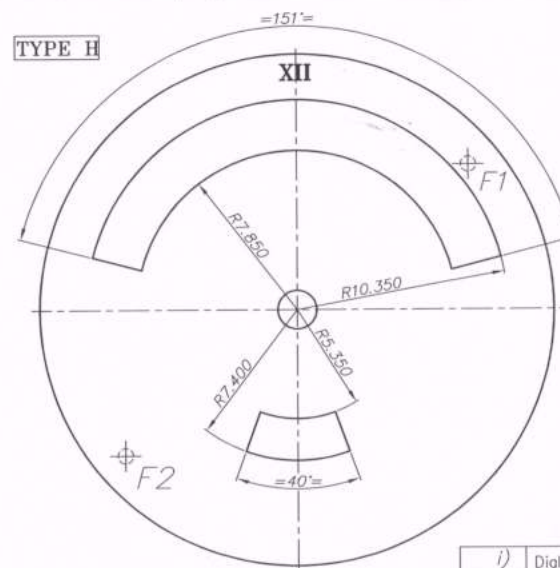
Dial details:

TYPE G

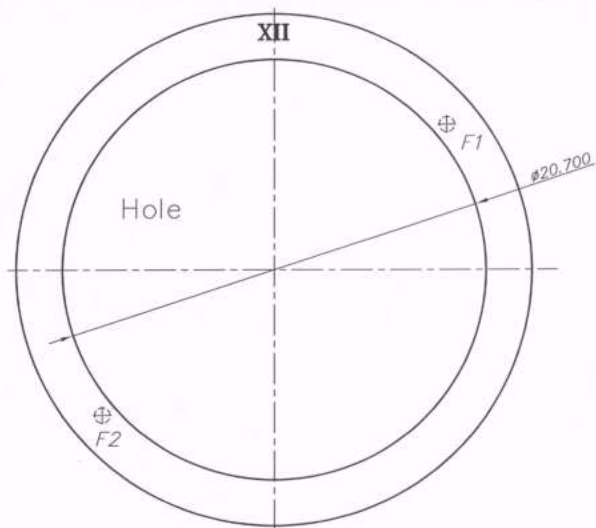


*Day indication to be print within 51.4° with side clearances

TYPE H



TYPE i



NOTE: For other details ref. "TYPE A"

i)	Dial type 'i' added.	12.07.12	Velu
h)	High version 1 added	12.4.10	Jayaram
g)	Long stem 25.00mm(28.15) added	29.9.09	Jayaram
f)	Long stem (27.15mm) details added	25.8.08	Jayaram
e)	Type H dial opening added	27.9.07	Jayaram
Index.	Alterations	Date	Sign

Name	Prepared	Checked	Approved
Date	25/11/2019		25/11/19

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9H
Stem Axis

11.613
TP

10.350
8.350

2.903
5.806

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 31

SUN
MON
TUE
WED
THU
FRI
SAT

2.700

0.830 (TP)

3H

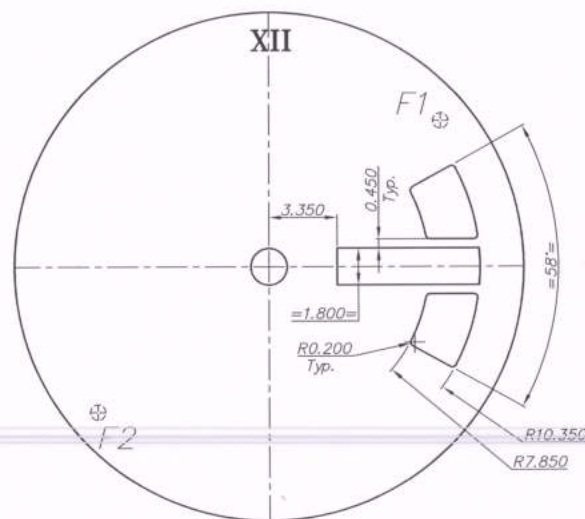
POS	X-AXIS	Y-AXIS
1	0.000	0.000
2	0.000	0.000
3	0.000	0.000
4	0.000	0.000
5	0.000	0.000
6	0.000	0.000
7	0.000	0.000
8	0.000	0.000
9	0.000	0.000
10	0.000	0.000
11	0.000	0.000
12	0.000	0.000
13	0.000	0.000
14	0.000	0.000
15	0.000	0.000
16	0.000	0.000
17	0.000	0.000
18	0.000	0.000
19	0.000	0.000
20	0.000	0.000
21	0.000	0.000
22	0.000	0.000
23	0.000	0.000
24	0.000	0.000
25	0.000	0.000
26	0.000	0.000
27	0.000	0.000
28	0.000	0.000
29	0.000	0.000
30	0.000	0.000
31	0.000	0.000

Stem @ 9H (Only for Dial Type "J")

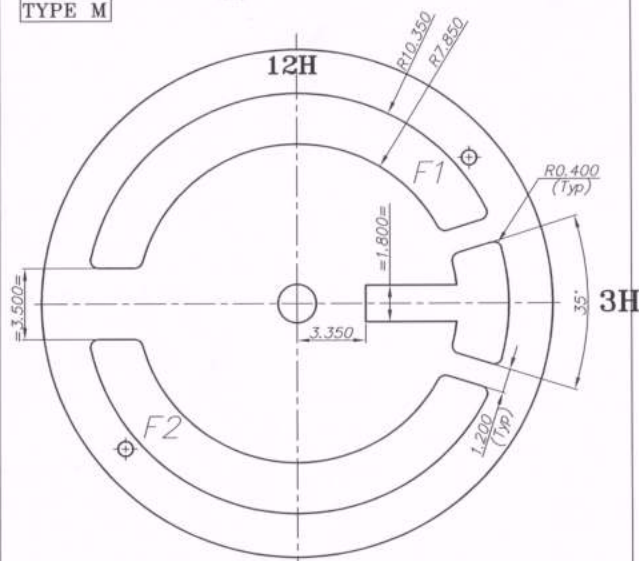
POS	X-AXIS	Y-AXIS
F1	-8.420 ± 10	-7.150 ± 10
F2	8.420 ± 10	7.150 ± 10

TYPE L

TYPE K

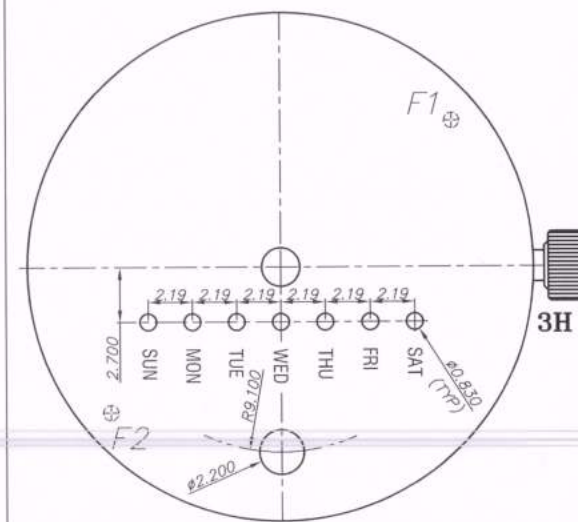


TYPE M



NOTE: For other details ref. "TYPE A"

TYPE N



Technical drawing of a circular mechanical component, likely a clock face or a similar rotating dial. The drawing includes the following features and dimensions:

- Overall Dimensions:**
 - Outer diameter: $\varnothing 10,350$
 - Inner diameter (hole): $\varnothing 2,700$
- Central Shaft:**
 - Shaft diameter: $\varnothing 2,500$
 - Shaft length: $1,800 \pm$
 - Shaft end feature: A cylindrical protrusion with a diameter of $3H$.
- Vertical Slot:**
 - Slot width: $2,19$
 - Slot depth: $2,700$
 - Slot position: Centered vertically on the shaft.
- Labels and Markings:**
 - 12H:** Label at the top of the dial.
 - SUN, MON, TUE, WED, THU, FRI, SAT:** Days of the week arranged vertically around the dial.
 - F1:** Label near the top of the slot.
 - F2:** Label near the bottom of the slot.
 - 3H:** Label near the shaft end feature.

r)	High version 2 and Dial type 'N' added	25.11.19	SK
q)	Reep Electrical data updated	13.5.19	AKASH
p)	Movt thick 3.50 +100/+0 was 3.40mm; Clearance MG to SH top 0.550 was 0.500	13.5.16	SJ
n)	Dial type 'M' added.	08.2.16	Velu
m)	Hands details updated & hands weight,length, MOL, imbalance details added & Dial type 'L' added.	18.04.15	Velu
L)	Type'K'dial opening added based on NPD mail	6.6.13	SJ
k)	Missing dim updated for dial Type'j'	05.10.12	Velu
j)	Type'j'dial opening added based on NPD requirement.	24.7.12	Velu
Index.	Alterations	Date	Sign

	Prepared	Checked	Approved
Name	<i>L. S. S.</i>	<i>T. S. S.</i>	
Date	25/11/2019		25/11/19

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