

Cal. VJ24B

ϕ 18.50 mm

H 2.71 mm

Item	Version No.
Specification	Version 5
Appearance	Version 2
Casing	Version 7
Hand Fitting	Version 6
Hand Setting Stem	Version 7
Dial - 1	Version 7
Casing Ring	Version 6
Assembly Plan	Version 6
Hands	Version 6



MOVEMENT SPECIFICATIONS

CAL.VJ24B 6 3/4 X 8 Ligne Quartz Movement Two Hands with Calendar

1. MOVEMENT DIMENSIONS

• Outside diameter	18.20mm (12H~6H) x 16.10mm (3H~9H),	φ 18.50mm
• Casing diameter	17.80mm (12H~6H)	, φ 18.10mm
• Total height	2.71 mm (including the battery)	

2. TIME STANDARD

• Type of quartz oscillator	Tuning fork
• Frequency of quartz oscillator	32,768 H Z
• Accuracy	Monthly rate: Less than 20 seconds per month at normal temperature range
• Regulation device	Nil
• Regulation hands unbalance	Minute : Less than 0.30μN·m (30mg·mm) Hour : Less than 0.30μN·m (30mg·mm)

3. BATTERY

• Type	Silver oxide battery
• Size	φ 6.8 x t 2.1 (mm)
• Battery life	Approx. 3 years
• Recommended battery	SR621SW (SEIZAIKEN)

4. STEPPING MOTOR

• Type	Two pole stepping motor
• Step	180° every second

5. JEWEL

0 jewel

6. ANTIMAGNETISM

(direct current magnetic field)

≥ 1600 A / m

7. SHOCK RESISTANCE

On equal level with general quartz movement

8. OPERATING TEMPERATURE RANGE

From - 5°C to + 50°C

9. SETTING MECHANISM

• Crown at normal position	Free
• Crown pulled out to 1st click	Clockwise : Instant date change
• Crown pulled out to 2nd click	Time setting and reset switch

10. TEST OF ACCURACY

• Equipment to be used	Quartz Tester QT - 99 Greiner Quartz Timer - C Witschi Q-Tester 4000
• Duration of measurement	10 seconds
• Microphone to be used	Electromagnetic detection type (DM-1)

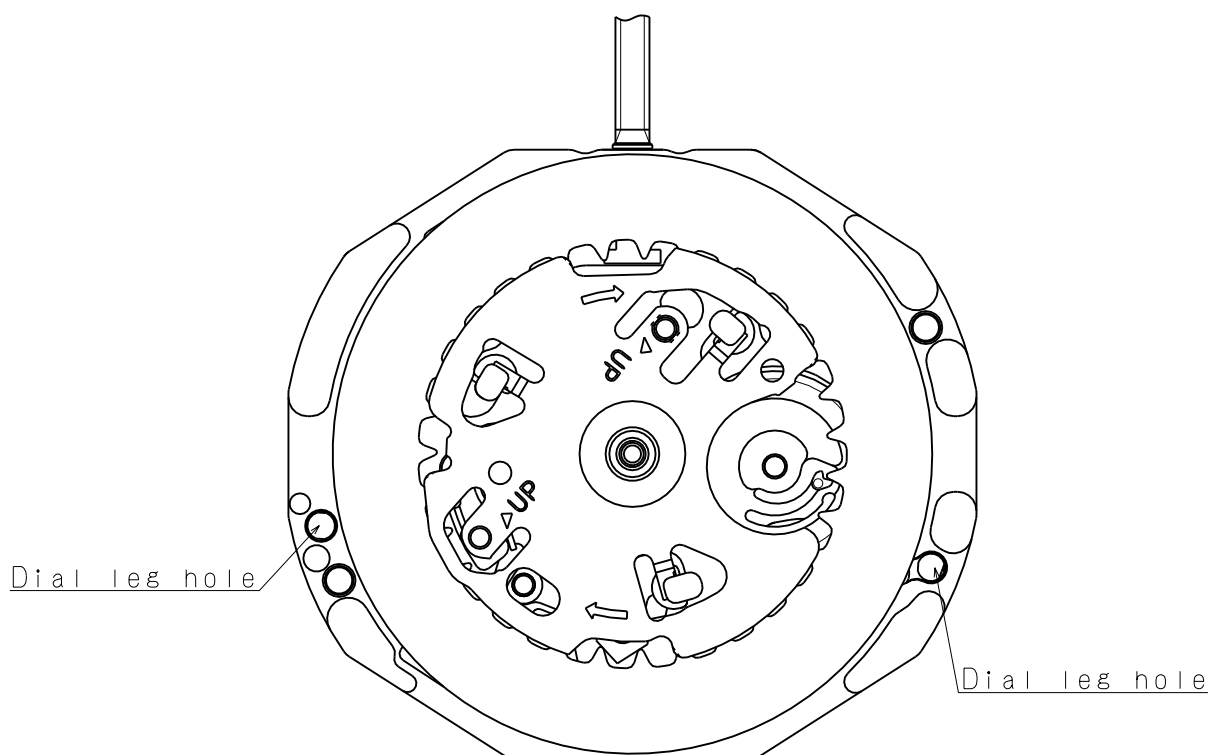
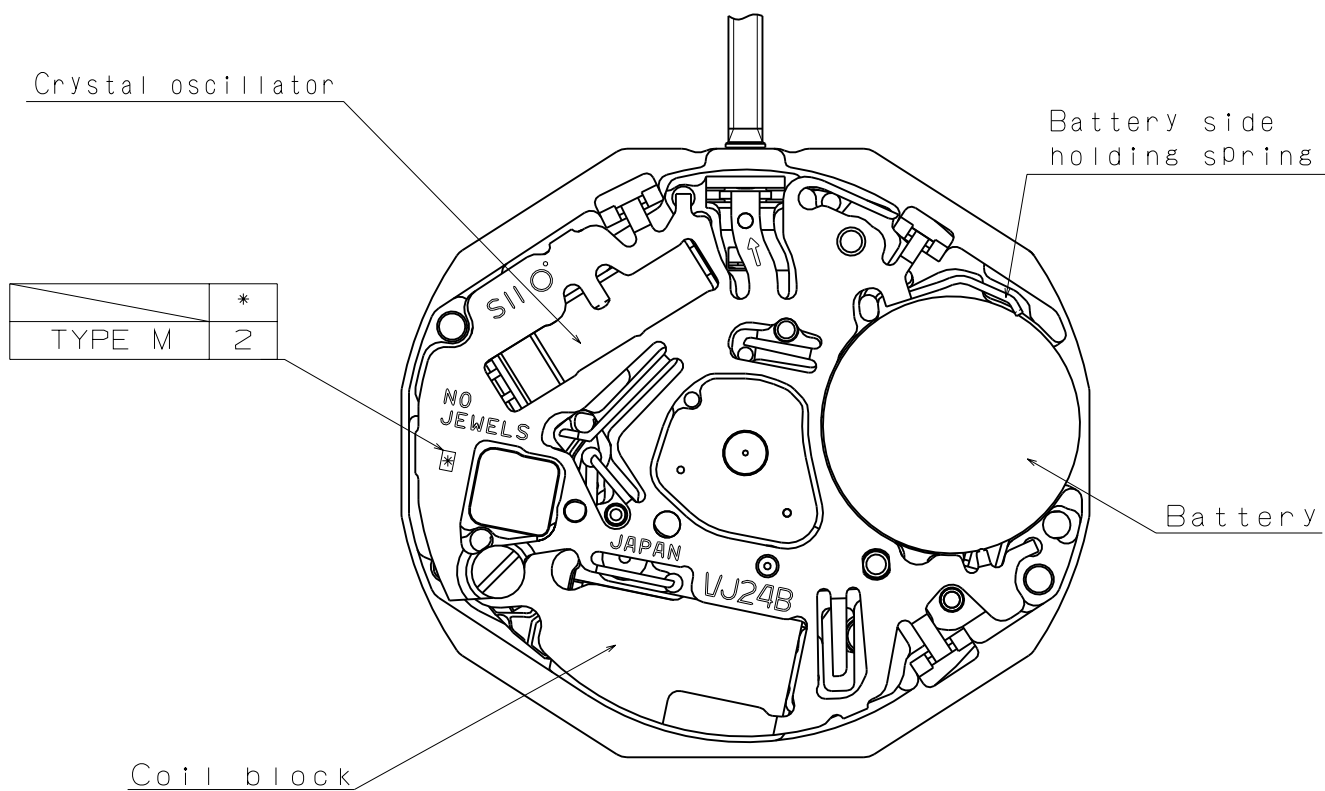
11. ATTACHED PARTS

Parts Name	Parts Code
Silver oxide battery	3016 - 17G0
Hand setting stem	0351-3320 (Regular) / 0351-0010 (Long)

*** All specifications are subject to change without notice.**

SII Products

Version: 5



Scale : 5/1

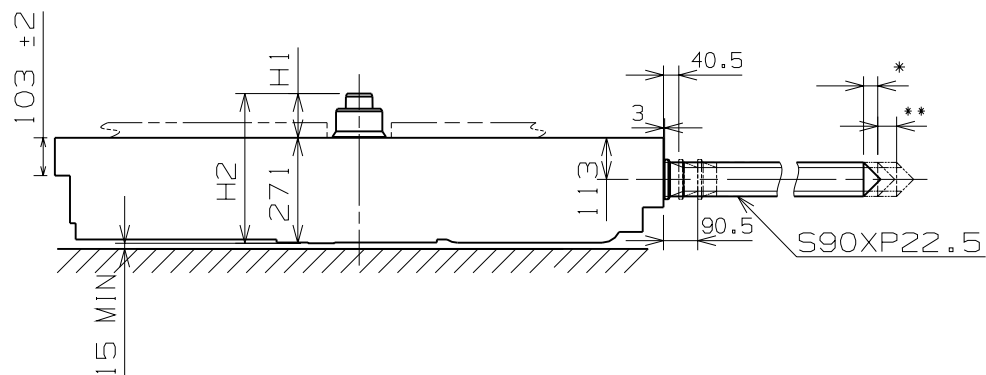
Unit : 1=1/100mm

Version:2

Battery Side holding spring Type.

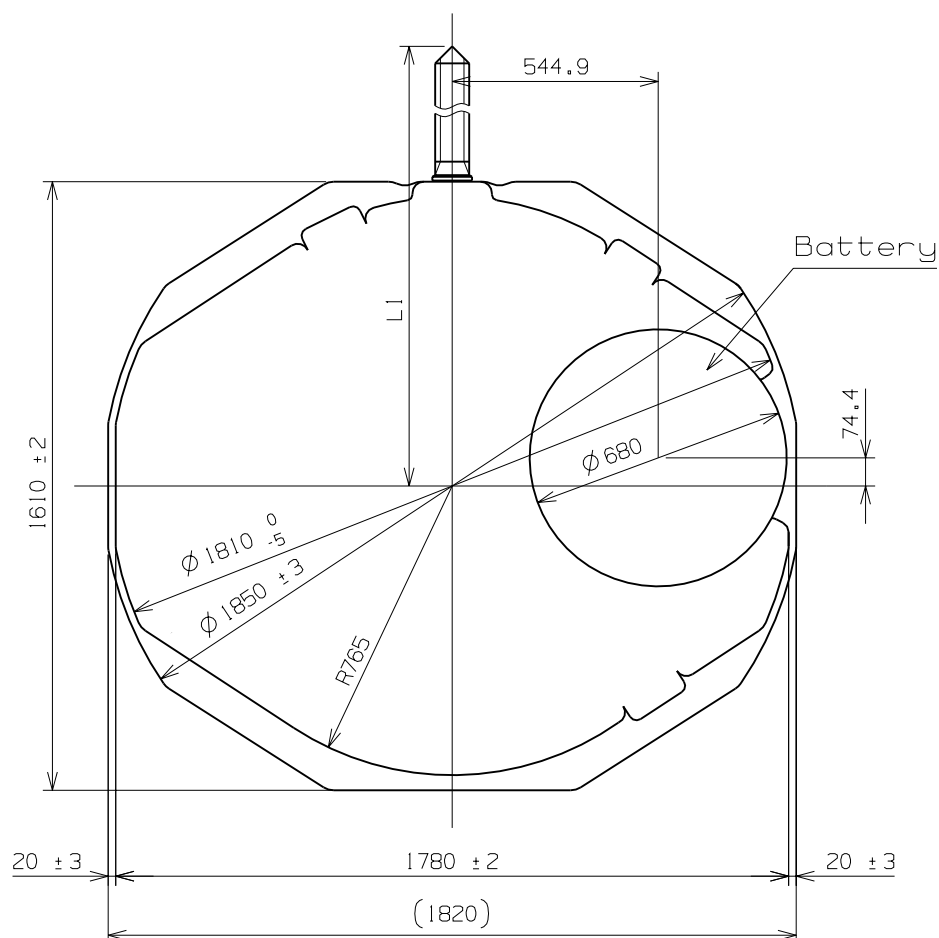
* First Pull out Stroke 37.5

** Second Pull out Stroke 50



Center Post		TYPE M
Maximum height from main plate surface	H1	117
Total height incl. movement	H2	388

Hand Setting Stem	TYPE A	TYPE B
L1	2003	2413



Scale : 5/1

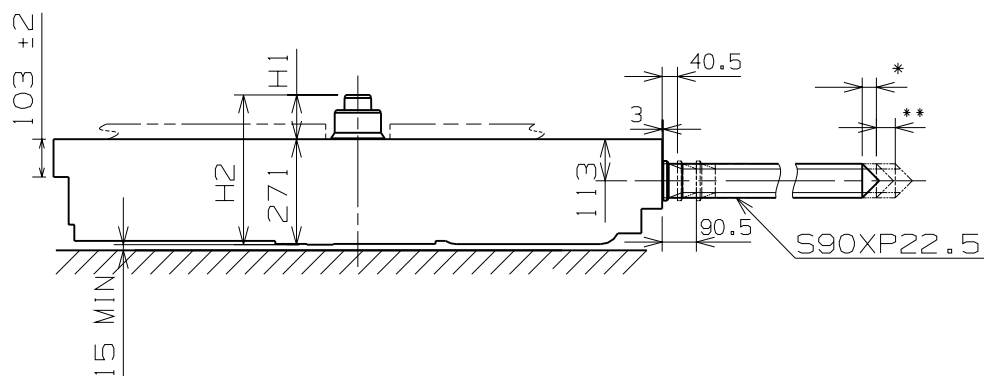
Unit : 1=1/100mm

Version:7

Battery Side holding spring Type.

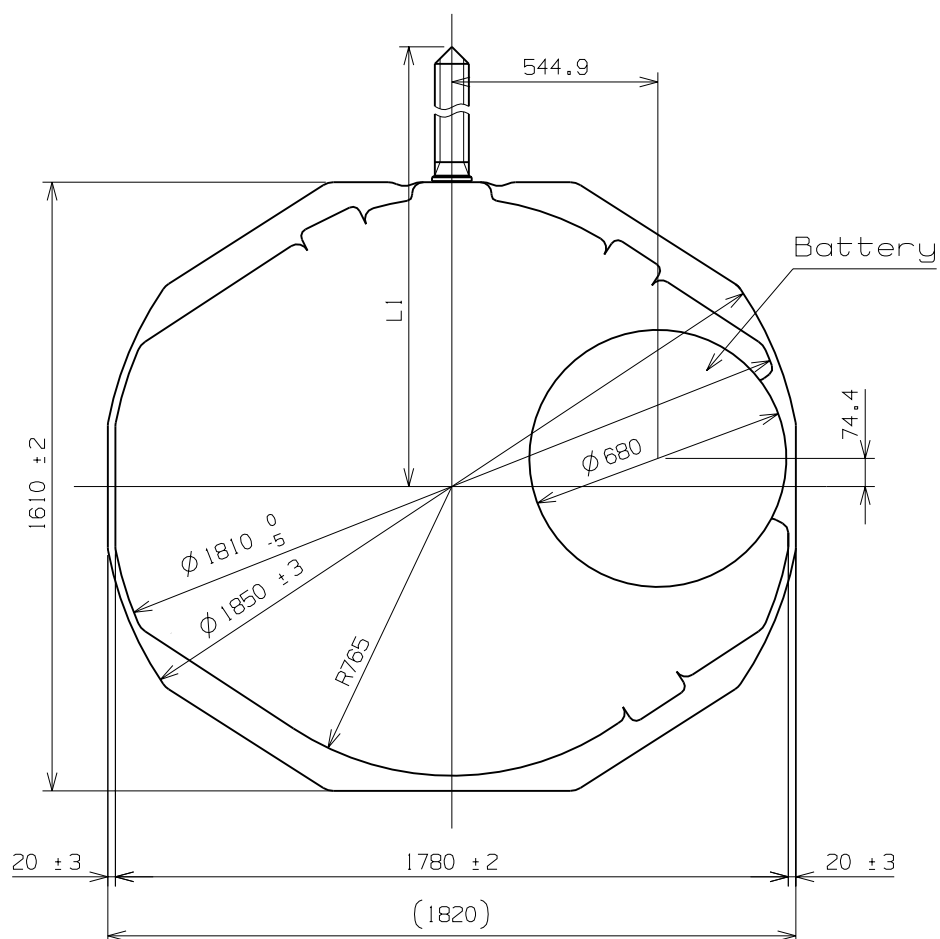
* First Pull out Stroke 37.5

** Second Pull out Stroke 50



Center post 中心柱位		Type M 一般針高
Maximum height from main plate surface 與機芯平面之最大高度	H1	117
Total height incl. movement 機芯總高度	H2	388

Hand Setting Stem	TYPE A	TYPE B
L1	2003	2413



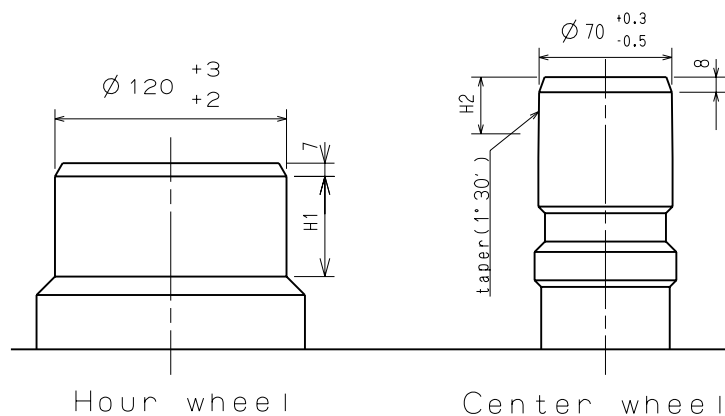
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Unit : 1=1/100mm

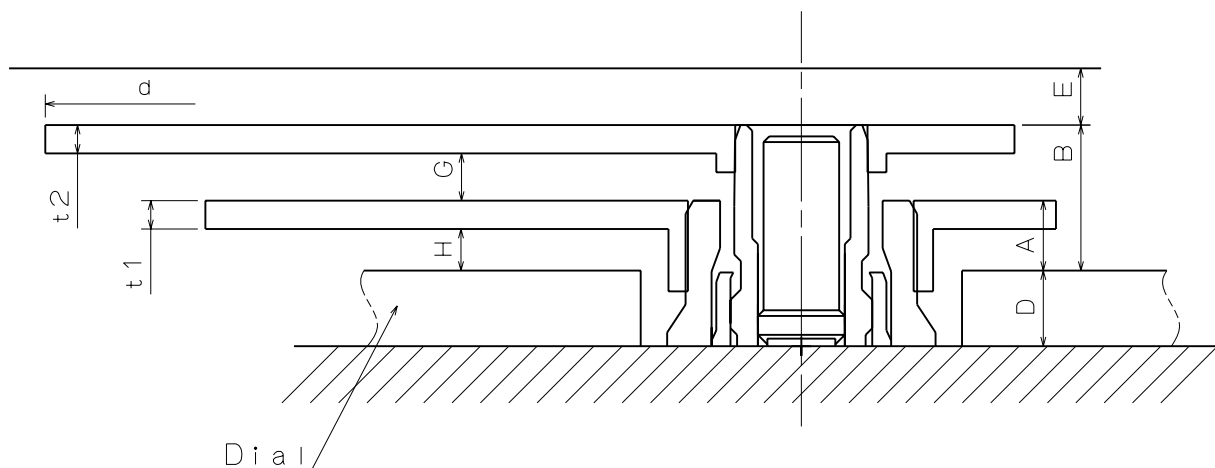
Version:7

Hour hand unbalance $\leq 0.3 \mu\text{N} \cdot \text{m} (30\text{mg} \cdot \text{mm})$

Minute hand unbalance $\leq 0.3 \mu\text{N} \cdot \text{m} (30\text{mg} \cdot \text{mm})$



	Part. No.		Dimension	
	Hour wheel	Center wheel	H1	H2
TYPE M	0273 0210	0221 0550	48	27



	A	B	D	E	G	H	t1	t2	d
TYPE M	37	77	37	30	25	22	15	15	∅ 2500

Scale : 25/1

Unit : 1=1/100mm

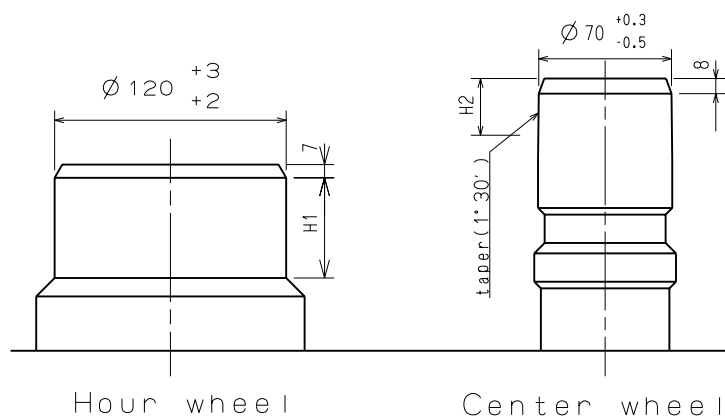
Version:6

Hand Fitting

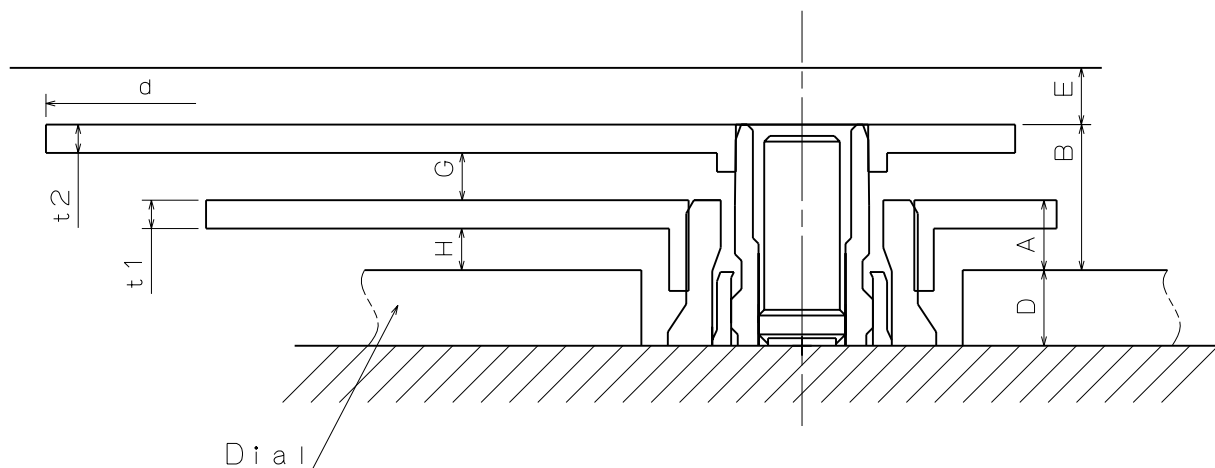
Cal. VJ24B

Hour hand unbalance $\leq 0.3 \mu\text{N} \cdot \text{m} (30\text{mg} \cdot \text{mm})$

Minute hand unbalance $\leq 0.3 \mu\text{N} \cdot \text{m} (30\text{mg} \cdot \text{mm})$



	Part. No.		Dimension	
	Hour wheel 時針輪	Center wheel 分針輪	H1	H2
Type M 一般針高	0273 0210	0221 0550	48	27

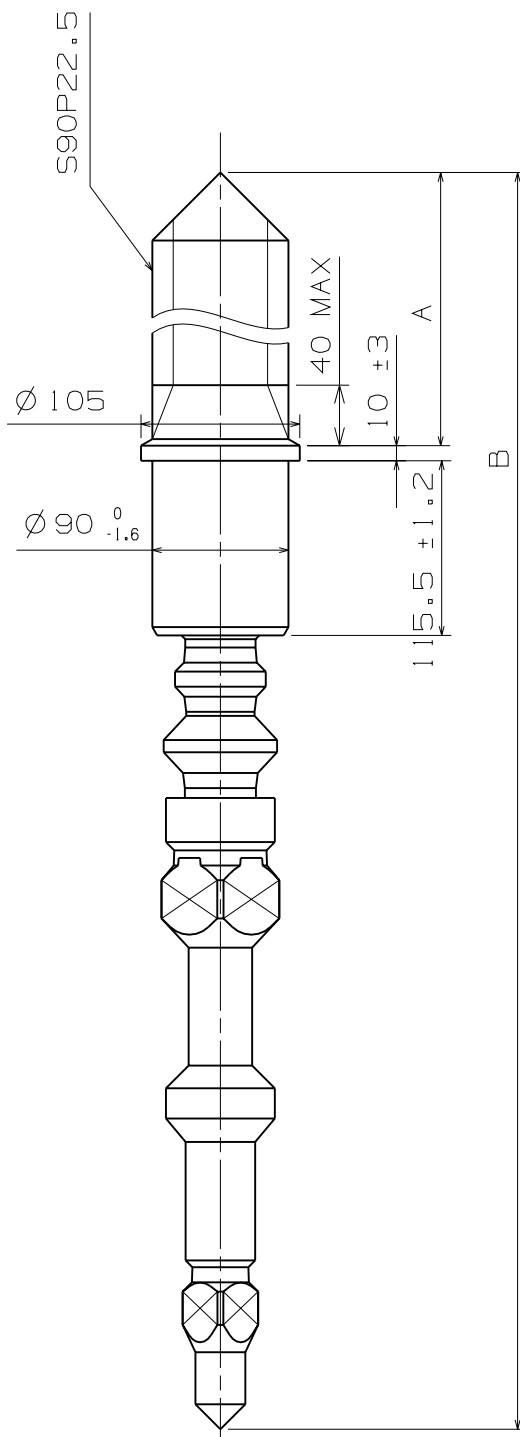


	A	B	D	E	G	H	t1	t2	d
Type M 一般針高	37	77	37	30	25	22	15	15	∅ 2500

Scale : 25/1

Unit : 1=1/100mm

Version:6

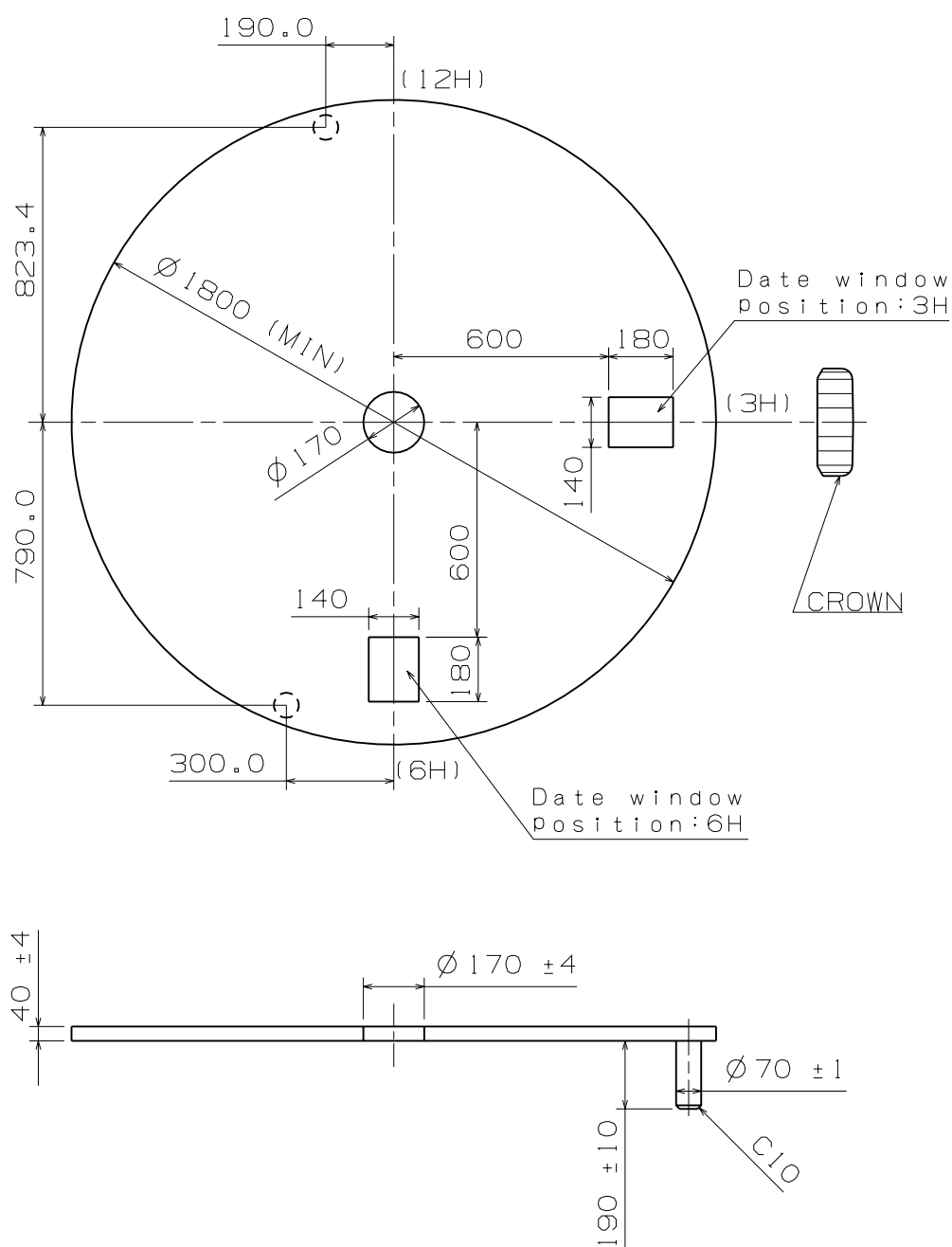


	Part.No.	A	B
TYPE A	0351 3320	1185	1835.5
TYPE B	0351 0010	1595	2245.5

Scale : 20/1

Unit : 1=1/100mm

Version:7



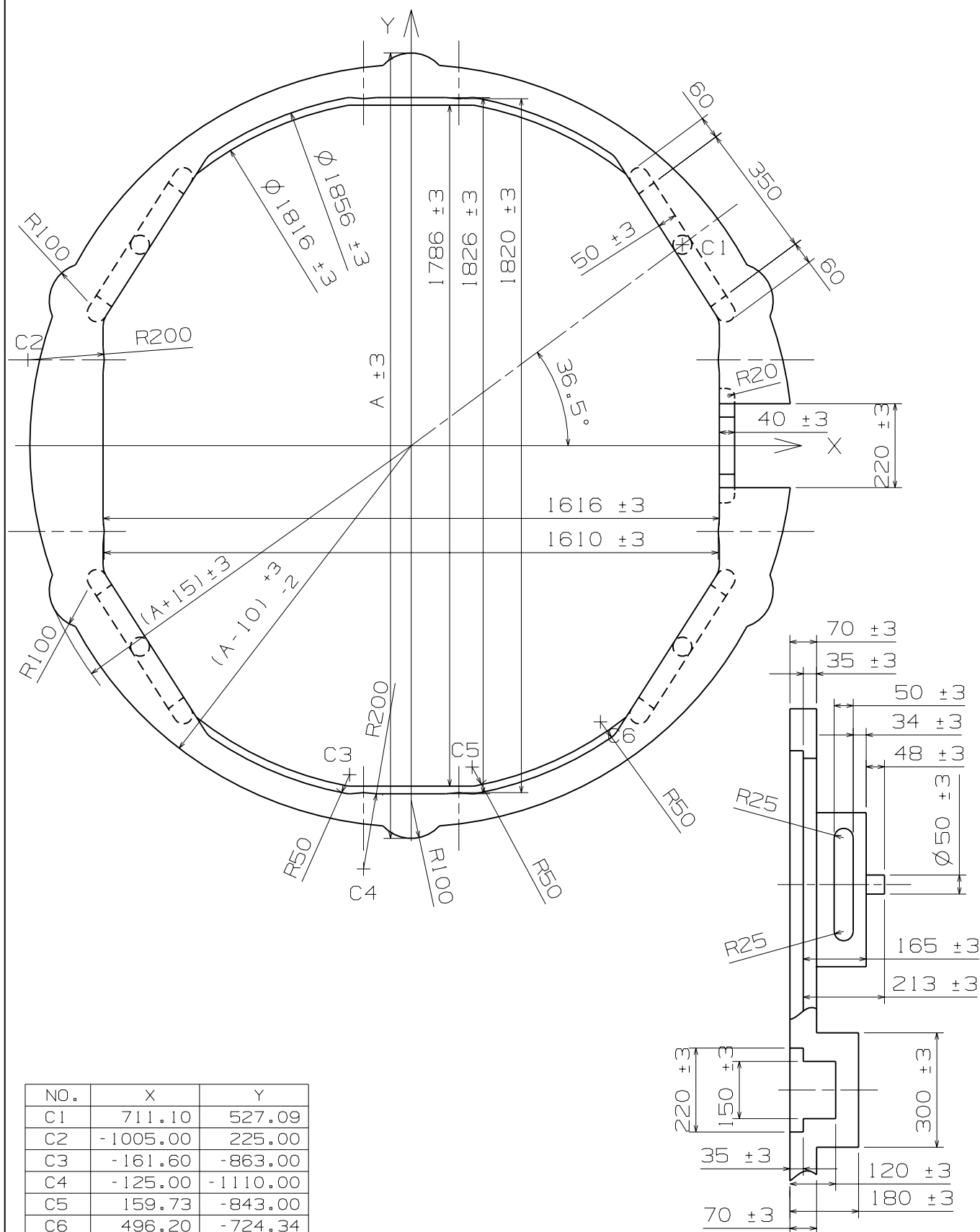
Scale : 5/1

Unit : 1=1/100mm

Version:7

Casing Ring

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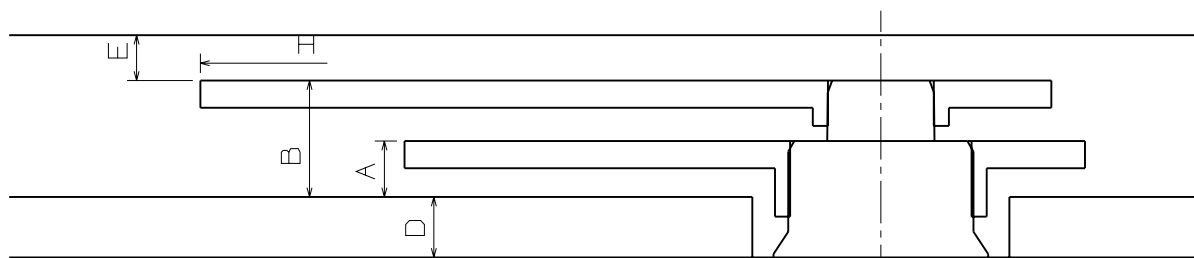
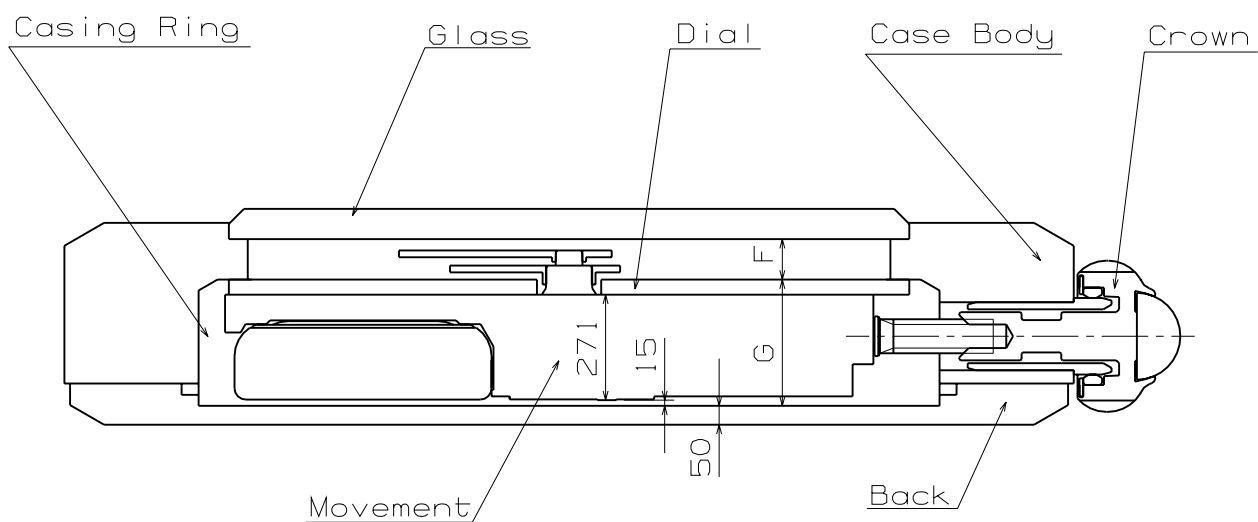


Scale : 7/1
Unit : 1=1/100

Version:6

Assembly Plan

Cal. VJ24B



	A	B	D	E	F	G	H
TYPE M	37	77	40	30	107	326	Ø 2500

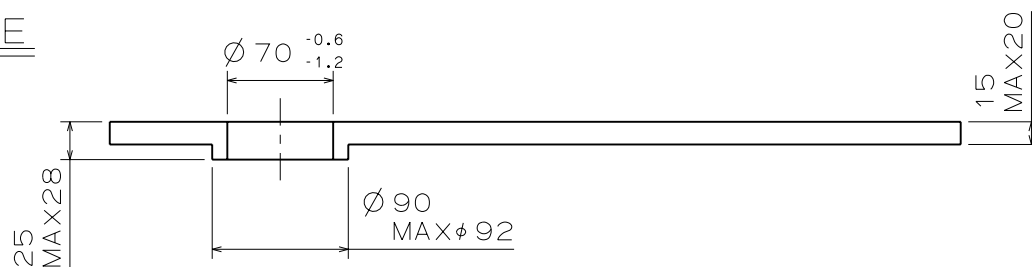
Scale : -
Unit : 1=1/100mm

Version:6

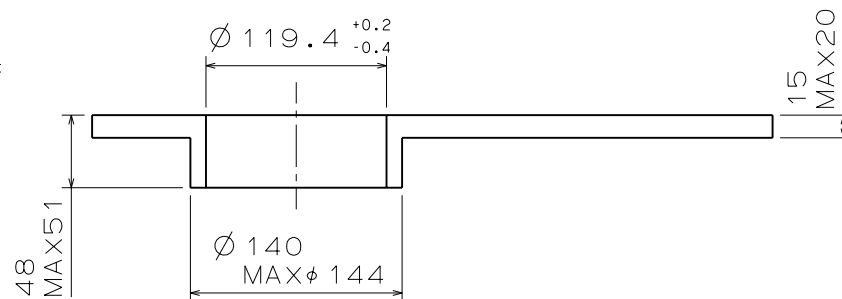
H a n d s

Ca l . VJ24B

MINUTE



HOUR



Scale : 20/1
Unit : 1=1/100mm

Version:6