

Watch Movement Specification and Drawing

Dual Time Movement

VD36B



Movement Size: **12 ³/₄"**
Diameter: **Φ29.50mm**
Height: **3.97mm**

Items	Ver.	Items	Ver.
Specification	1		
Appearance	1		
Casing	1		
Hand Fitting	2		
Hand Setting Stem	1		
Dial	1		
Assembly Plan - 1	1		
Assembly Plan - 2	1		
Hands	1		

CAL.VD36B 12 $\frac{3}{4}$ Ligne Quartz Movement

Three Hands with 2 Eyes

Small Dual Time of 24 Hour & 60 Minute Hands

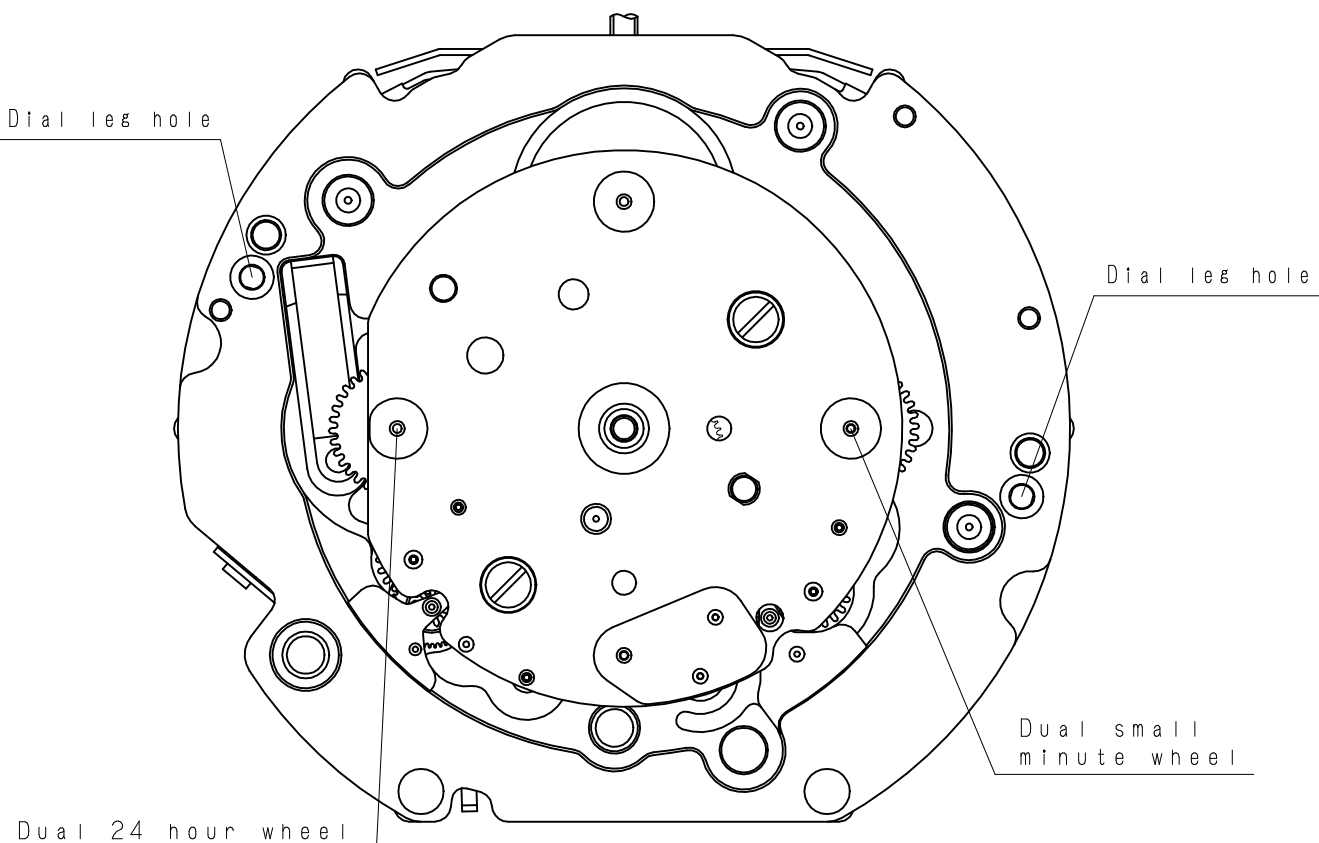
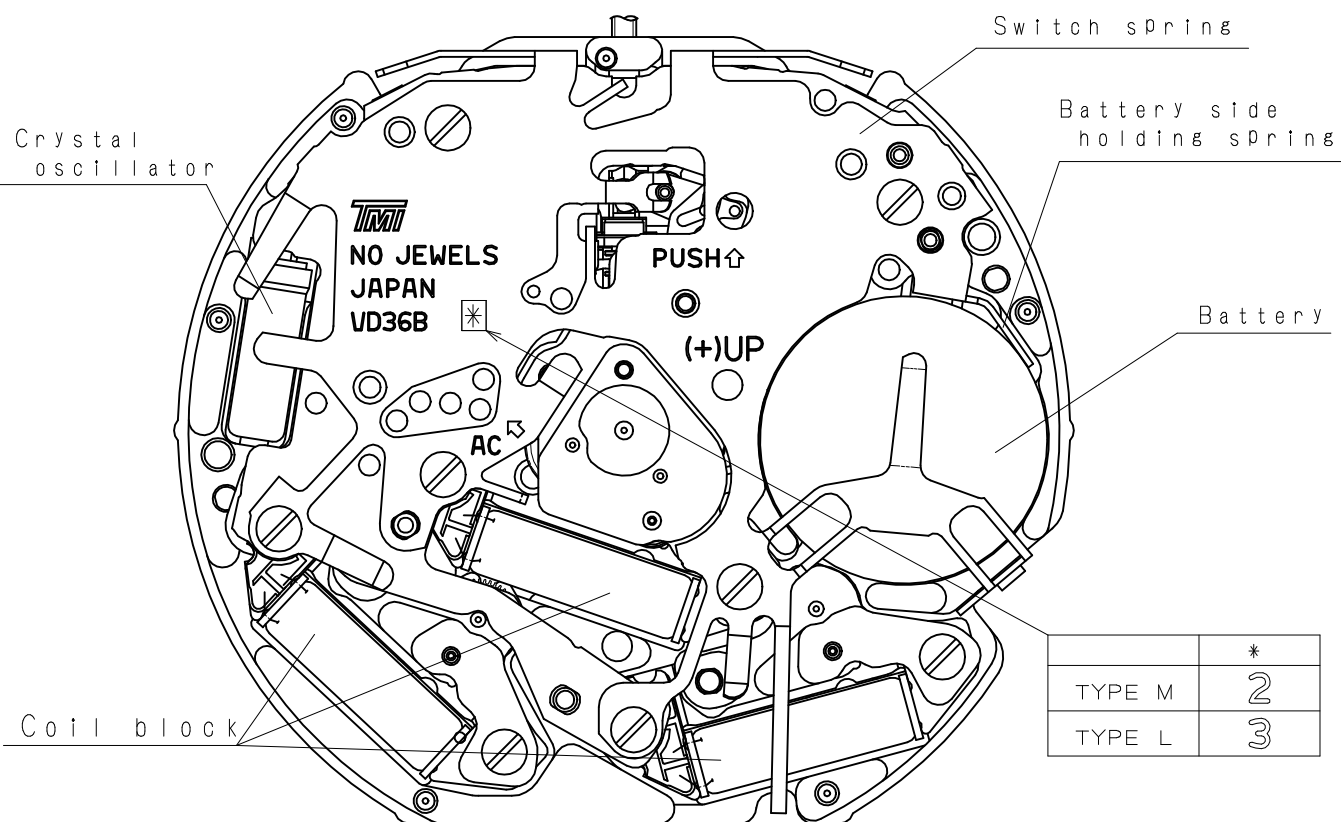
1. FUNCTION

· Jewel	0 jewel
· Accuracy	Less than ± 20 seconds / month (Normal temperature range)
· Battery life	Approx. 3 years
· Regulation hands unbalance	Hour hand : Less than $0.60 \mu\text{N}\cdot\text{m}$ (60 mg $\cdot\text{mm}$) Minute hand : Less than $0.90 \mu\text{N}\cdot\text{m}$ (90 mg $\cdot\text{mm}$) Second hand : Less than $0.09 \mu\text{N}\cdot\text{m}$ (9 mg $\cdot\text{mm}$) Small dual time hands : Less than $0.05 \mu\text{N}\cdot\text{m}$ (5 mg $\cdot\text{mm}$)
· Additional function	Regulator dual time (24 hour, 60 minute)

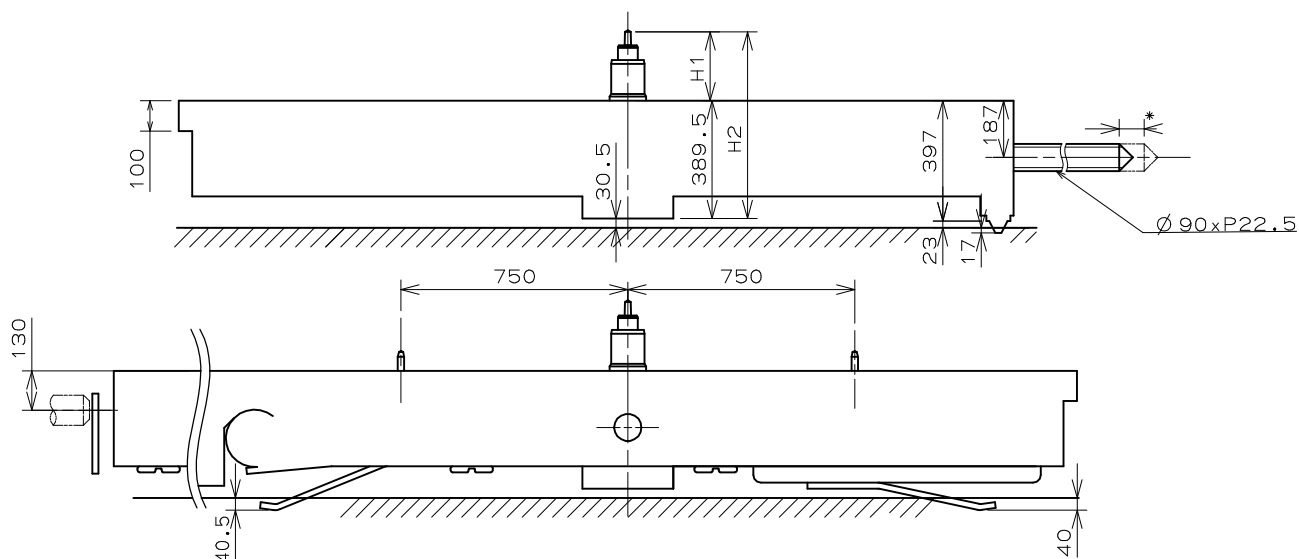
2. USE AND TEST CONDITION

· Battery	SR920SW	(Recommended battery is SEIZAIKEN)
· Operation temperature range	From - 5 °C to + 50 °C	
· Antimagnetic	$\geq 1600 \text{ A / m}$	(Direct current magnetic field)
· Test of accuracy	10 seconds	(Duration of measurement)

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

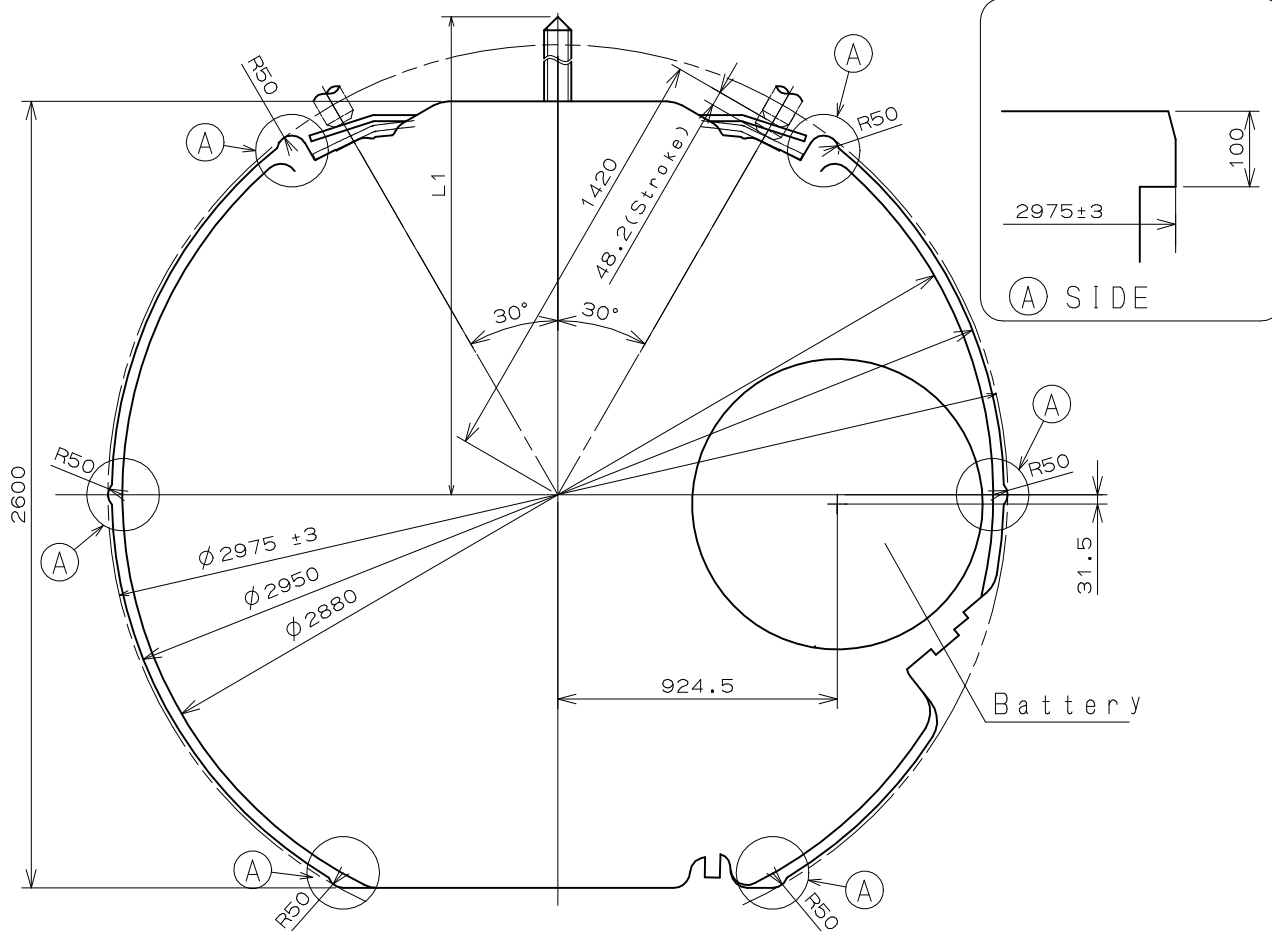


*Pull out stroke 42.9



Center post	中心柱位	TYPE M 一般針高	TYPE L 高針
Maximum height from main plate surface 與機芯平面的最大高度	H1	228	273
Total height incl. movement 機芯總高度	H2	617.5	662.5

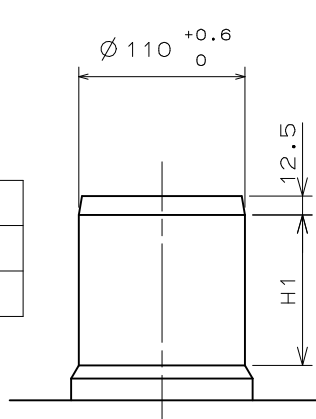
Hand Setting Stem	TYPE A
L1	2365



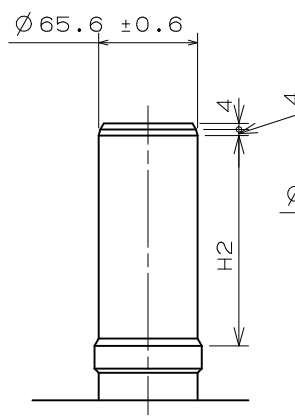
※Unbalance

· Hour hand	≤	$0.6 \mu\text{N} \cdot \text{m}$ ($60\text{mg} \cdot \text{mm}$)
· Minute hand	≤	$0.9 \mu\text{N} \cdot \text{m}$ ($90\text{mg} \cdot \text{mm}$)
· Second hand	≤	$0.09 \mu\text{N} \cdot \text{m}$ ($9\text{mg} \cdot \text{mm}$)
· Dual time hand	≤	$0.05 \mu\text{N} \cdot \text{m}$ ($5\text{mg} \cdot \text{mm}$)

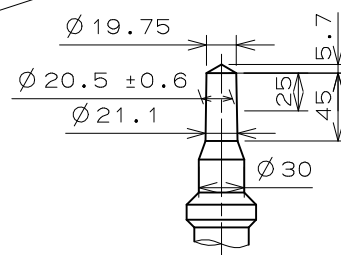
	H1	H2
TYPE M 一般針高	99.5	141
TYPE L 高針	144.5	186



Hour wheel

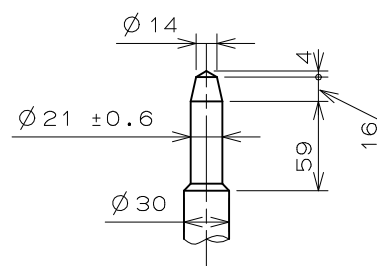


Center wheel

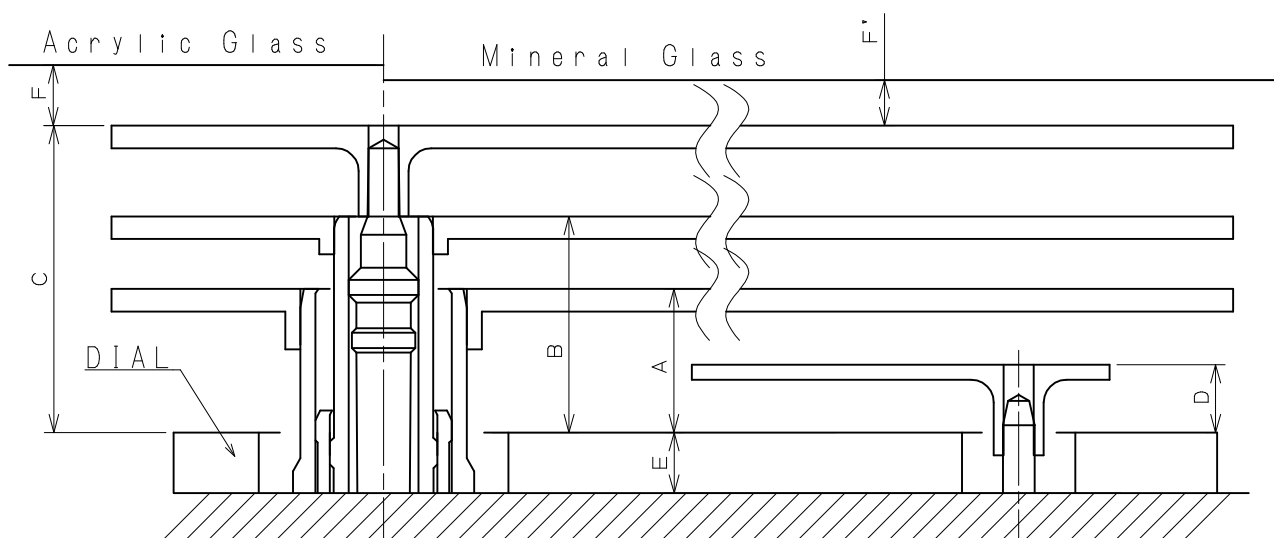


Fourth wheel

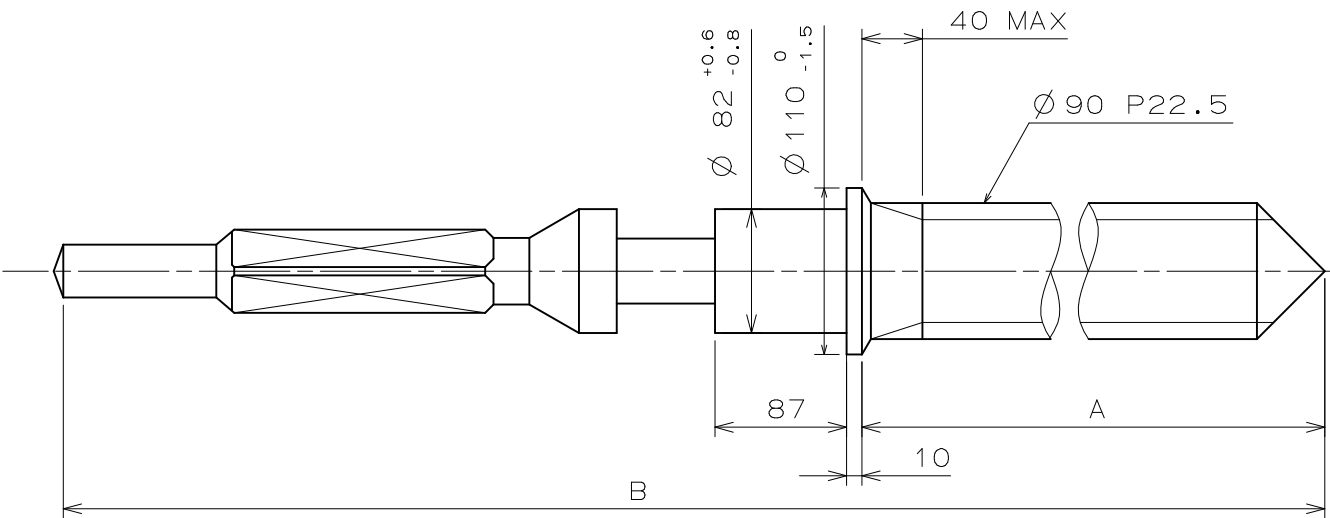
Part name		Part No.	
		TYPE M 一般針高	TYPE L 高針
Hour wheel	時針輪	0271 406	0273 036
Center wheel	分針輪	0221 156	0221 077
Fourth wheel	秒針輪	0241 177	0241 480
Dual 24 hour wheel	兩地時間24小時針輪	0888 013	0888 010
Dual small minute wheel	兩地時間小分針輪	0888 013	0888 010



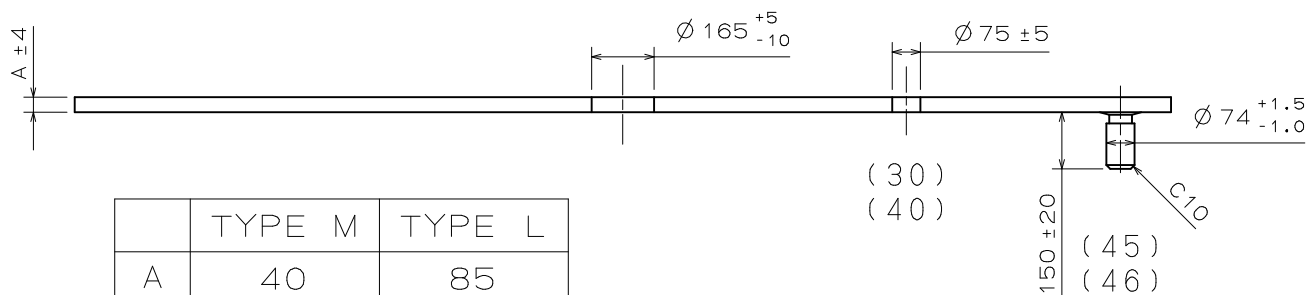
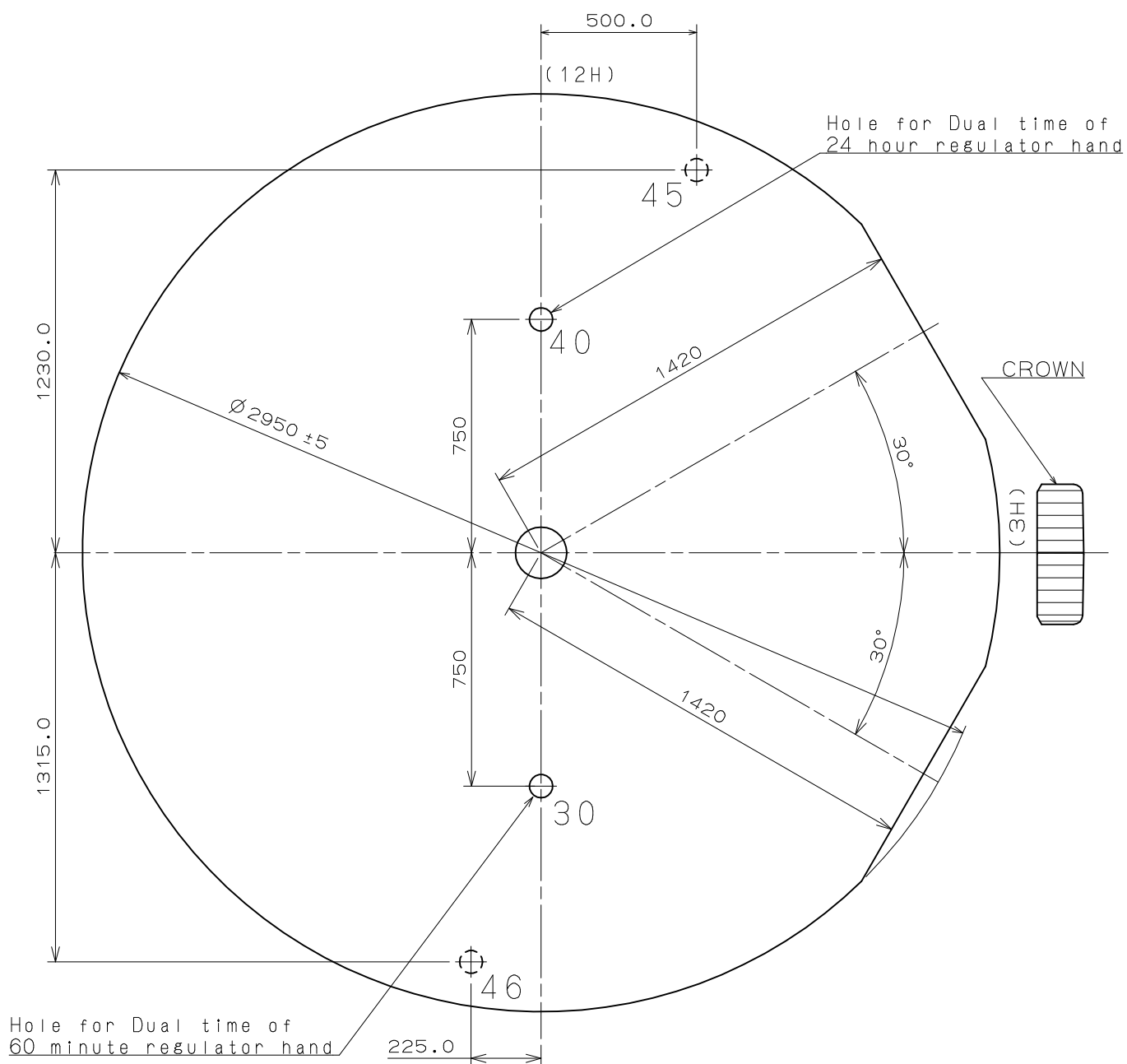
Dual 24 hour wheel
Dual small minute wheel



	A	B	C	D	E	F	F'
TYPE M 一般針高	95	143	203	45	40	50	40
TYPE L 高針	95	143	203	45	85	50	40

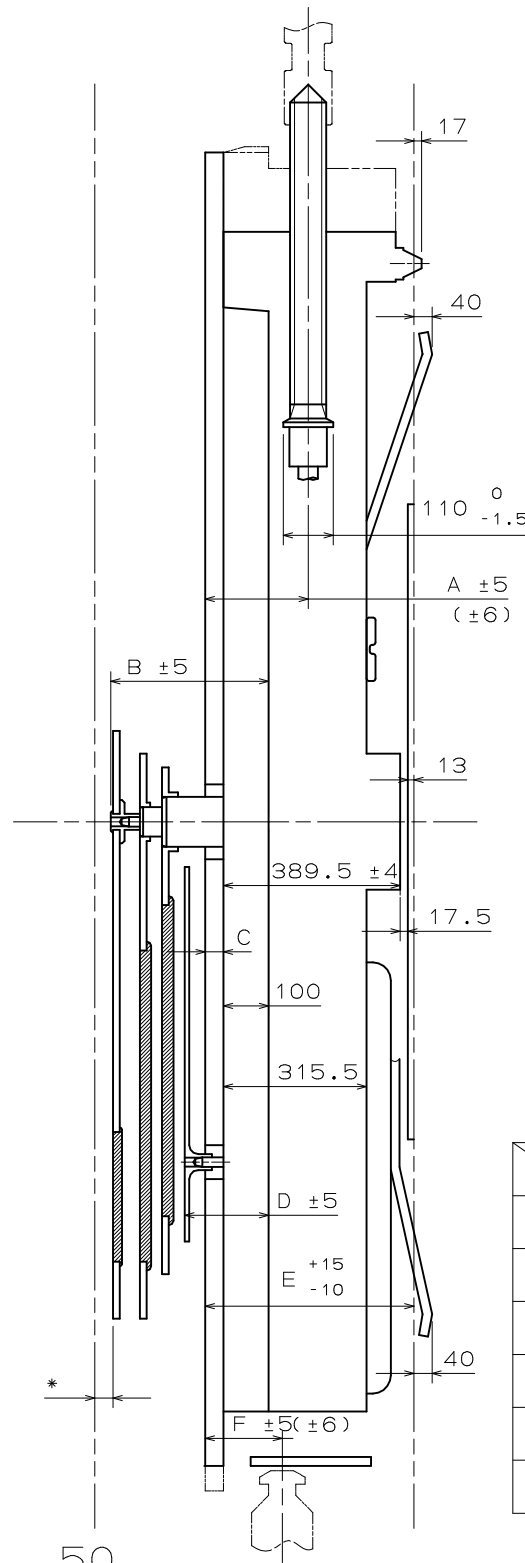


	Part No.	A	B
TYPE A	0351 178	1508	2036



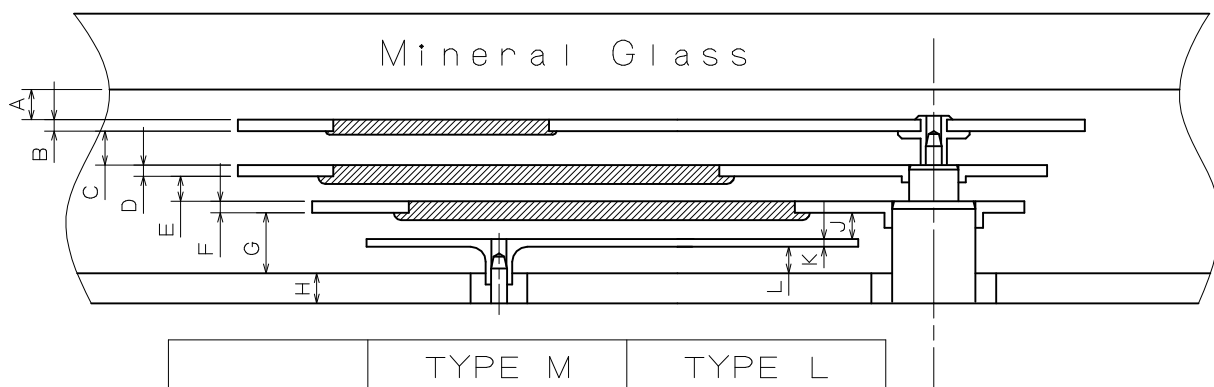
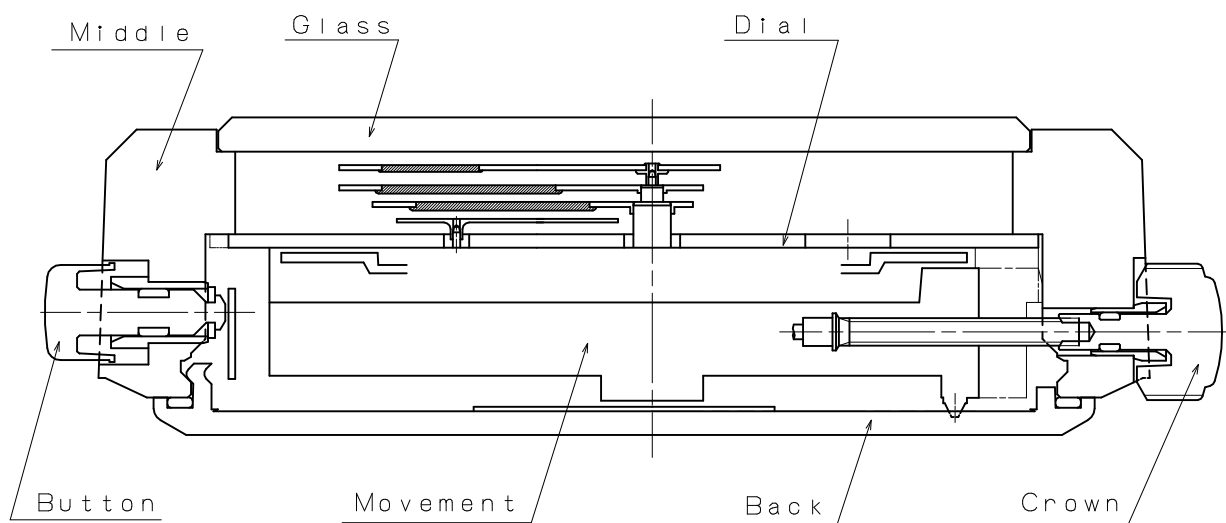
Unit : 1=1/100mm

Version : 1

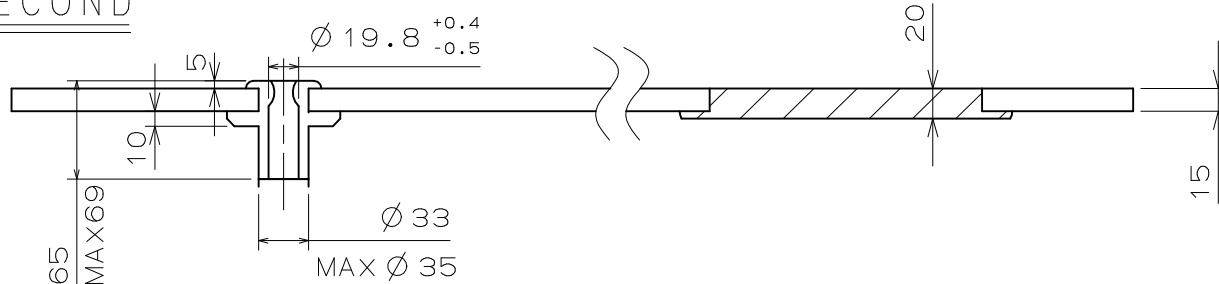
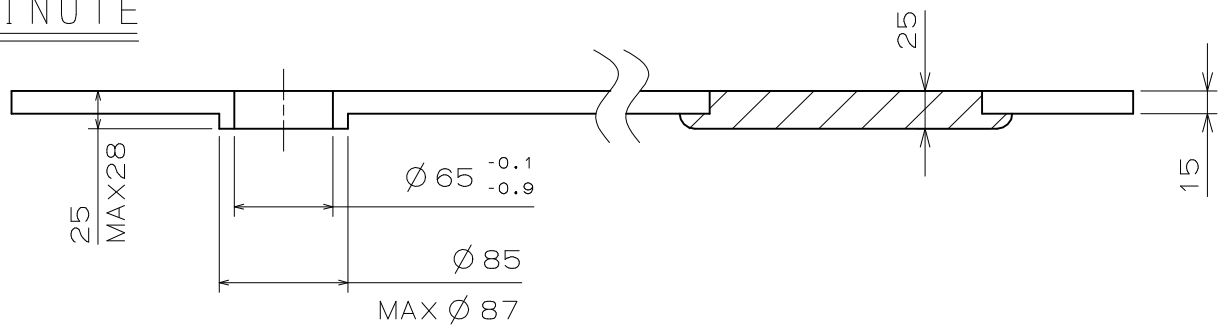
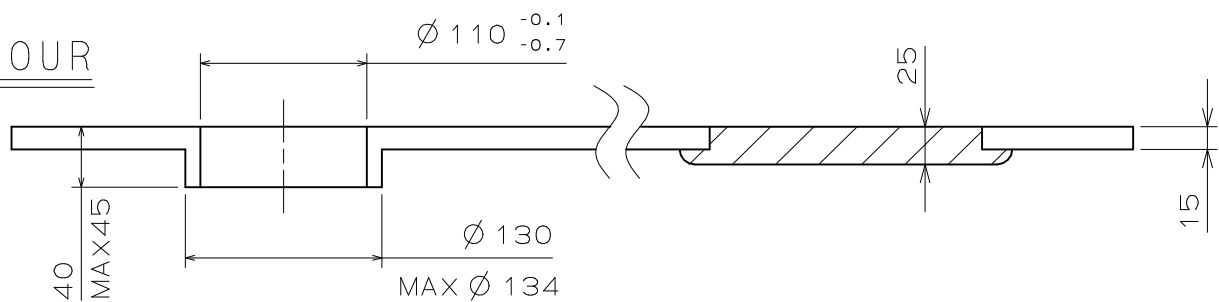


*Acrylic Glass 50
*Mineral Glass 40

	TYPE M	TYPE L
A	227	272
B	343	388
C	40	85
D	185	230
E	460	505
F	170	215



	TYPE M	TYPE L
A	40	40
B	15	15
C	45	45
D	15	15
E	33	33
F	15	15
G	80	80
H	40	85
J	35	35
K	10	10
L	35	35

SECONDMINUTEHOURDUAL TIME