

Watch Movement Specification and Drawing

2 Hands Multi-eye Movement

VD70A



Movement Size: **10 1/2"**
Diameter: **Φ23.70mm**
Height: **3.45mm**

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

CAL.VD70A 10½ Ligne Quartz Movement

Two Hands with 1 Eye Small Date Hand

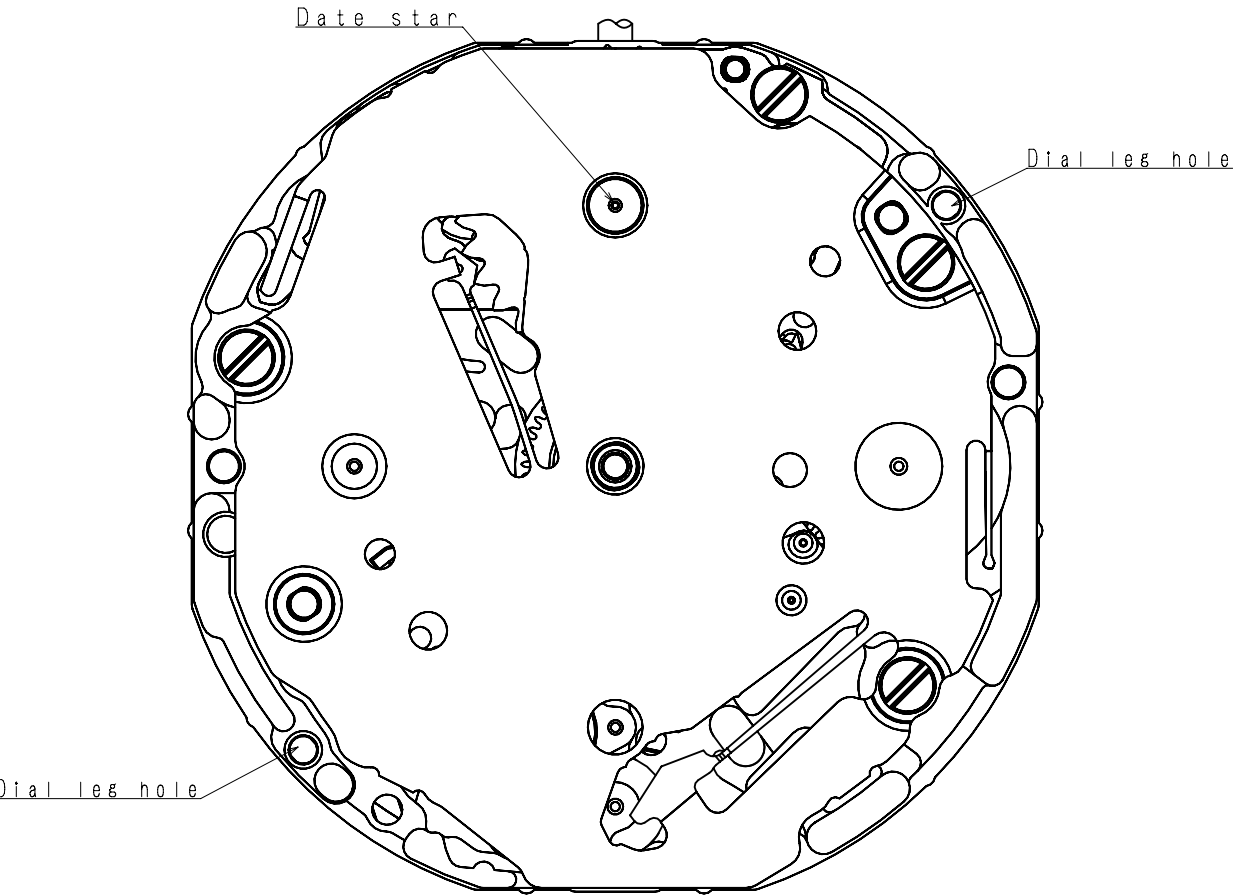
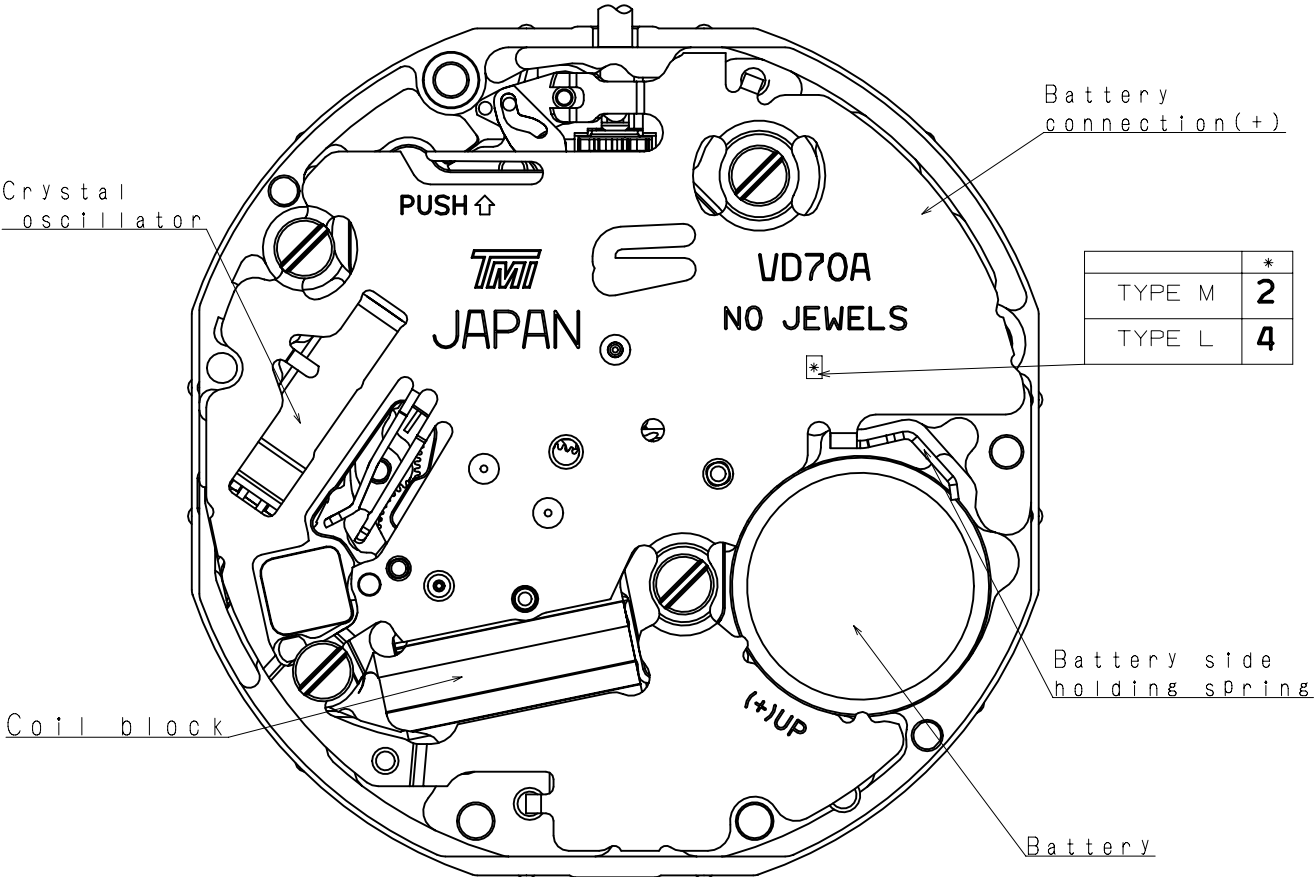
1. FUNCTION

- | | |
|------------------------------|---|
| · 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 μN·m (60 mg·mm)
Minute hand : Less than 0.60 μN·m (60 mg·mm)
Small hand : Less than 0.05 μN·m (5 mg·mm)
(Date hand) |
| · Additional function | Date display with quick date correction |

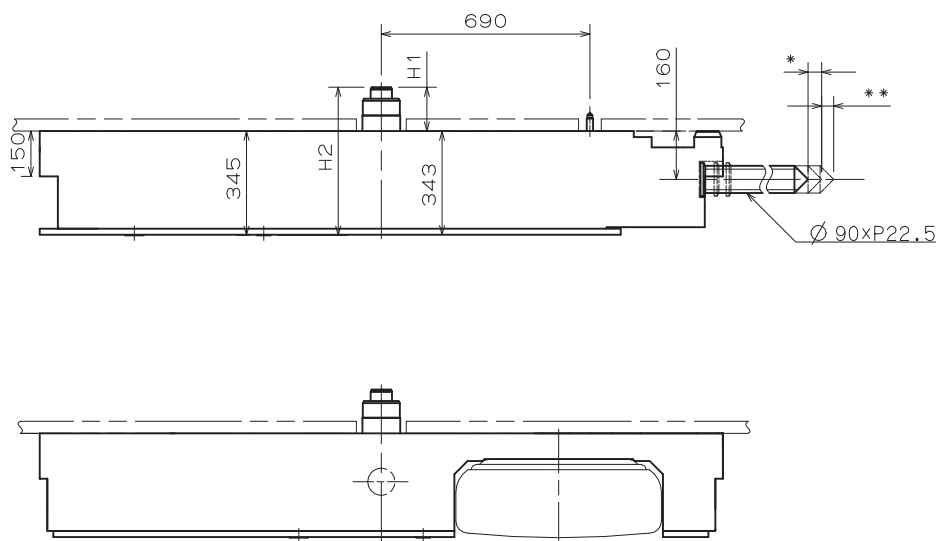
2. USE AND TEST CONDITION

- | | | |
|-------------------------------|------------------------|------------------------------------|
| · Battery | SR626SW | (Recommended battery is SEIZAIKEN) |
| · Operation temperature range | From - 5 °C to + 50 °C | |
| · Antimagnetic | ≥ 1600 A / m | (Direct current magnetic field) |
| · Test of accuracy | 10 seconds | (Duration of measurement) |

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

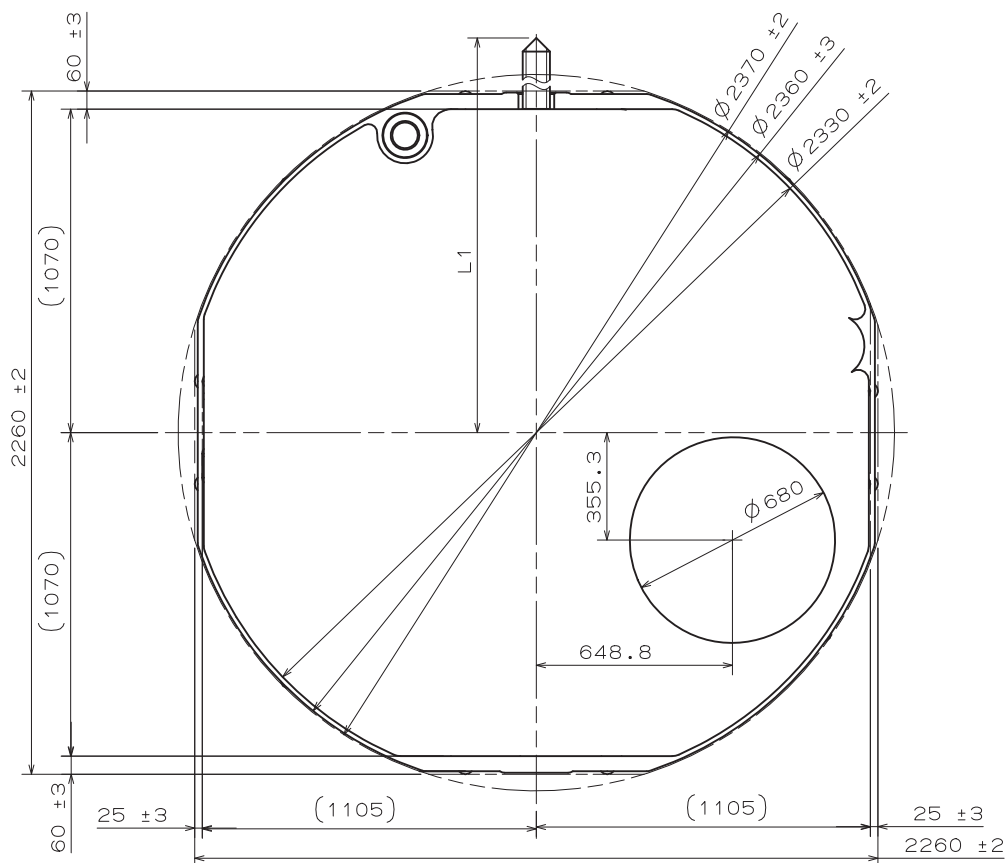


* First pull out stroke 45
** Second pull out stroke 39.9

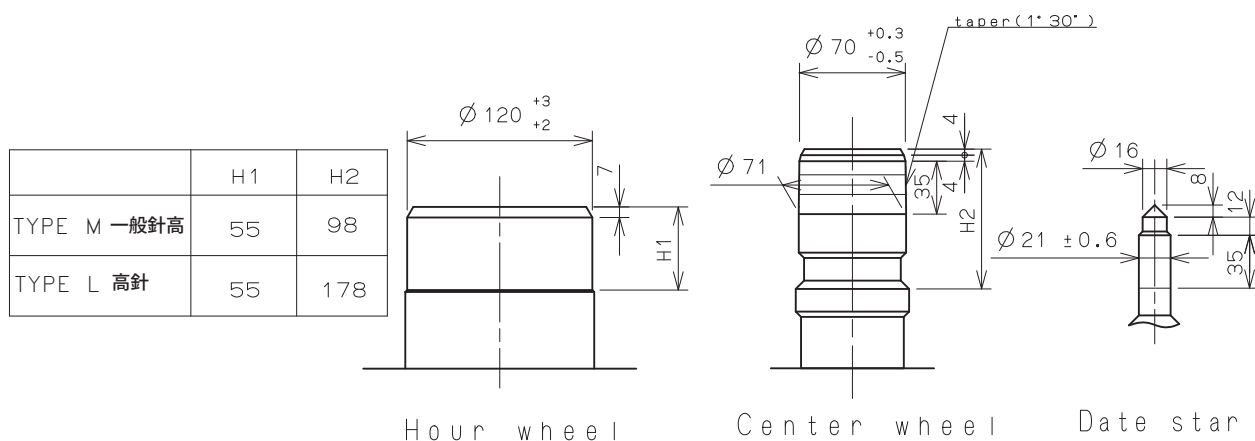


Center post	中心柱位	TYPE M	TYPE L
		一般針高	高針
Maximum height from main plate surface 與機芯平面的最大高度	H1	150	230
Total height incl. movement 機芯總高度	H2	495	575

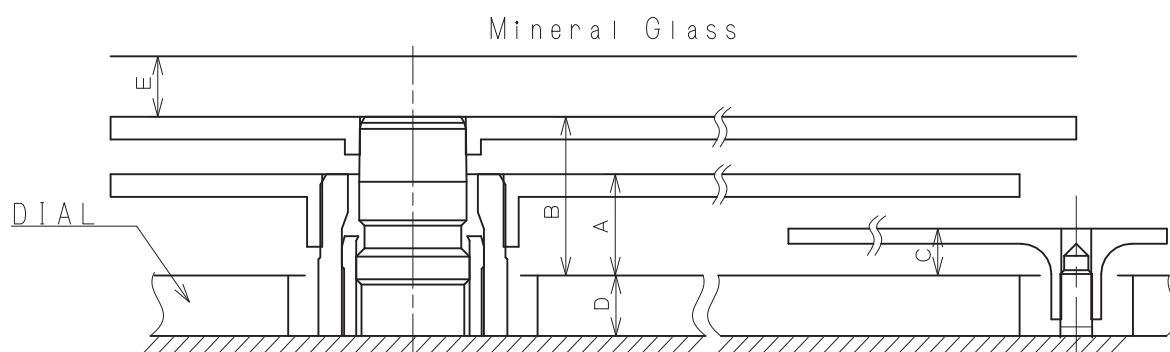
Hand Setting Stem	TYPE A	TYPE B
L1	2436	3012



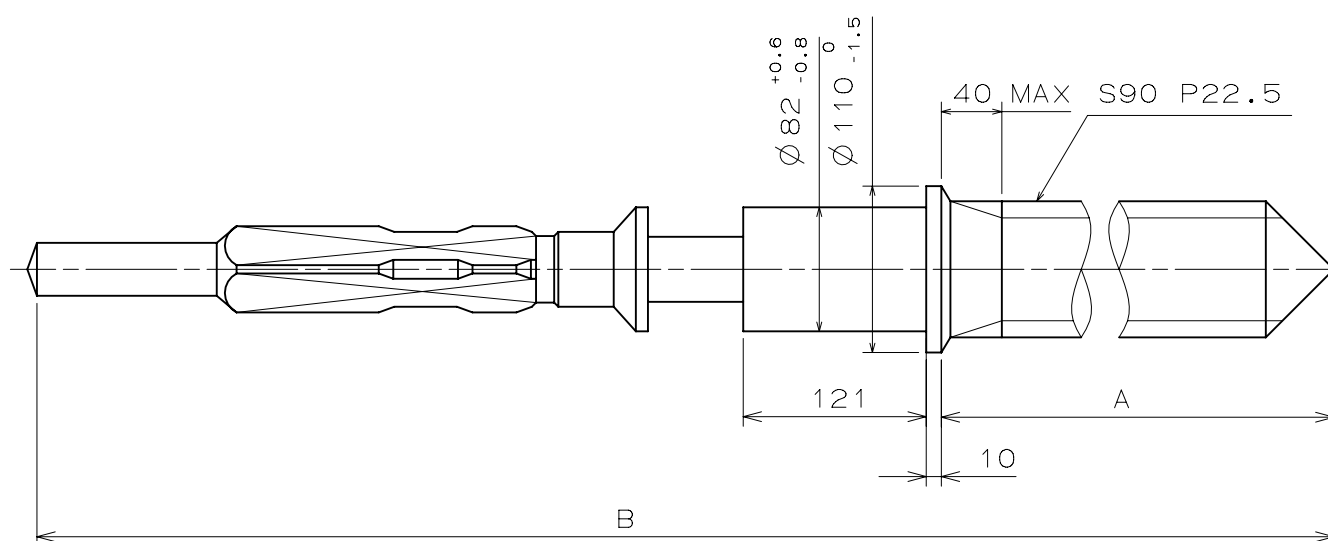
- * Hour hand unbalance $\leq 0.6 \mu\text{N} \cdot \text{m} (60\text{mg} \cdot \text{mm})$
- * Minute hand unbalance $\leq 0.6 \mu\text{N} \cdot \text{m} (60\text{mg} \cdot \text{mm})$
- * Date hand unbalance $\leq 0.05 \mu\text{N} \cdot \text{m} (5\text{mg} \cdot \text{mm})$



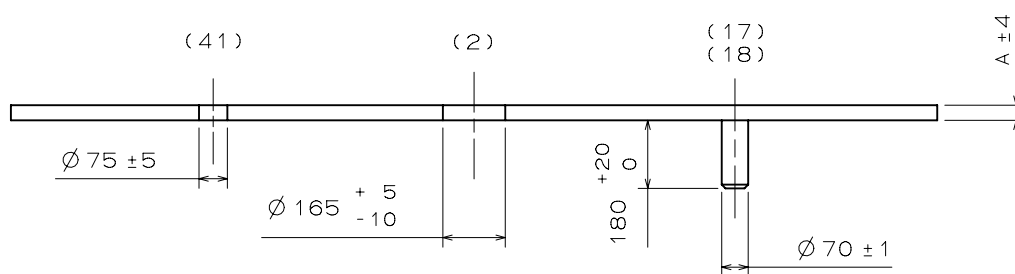
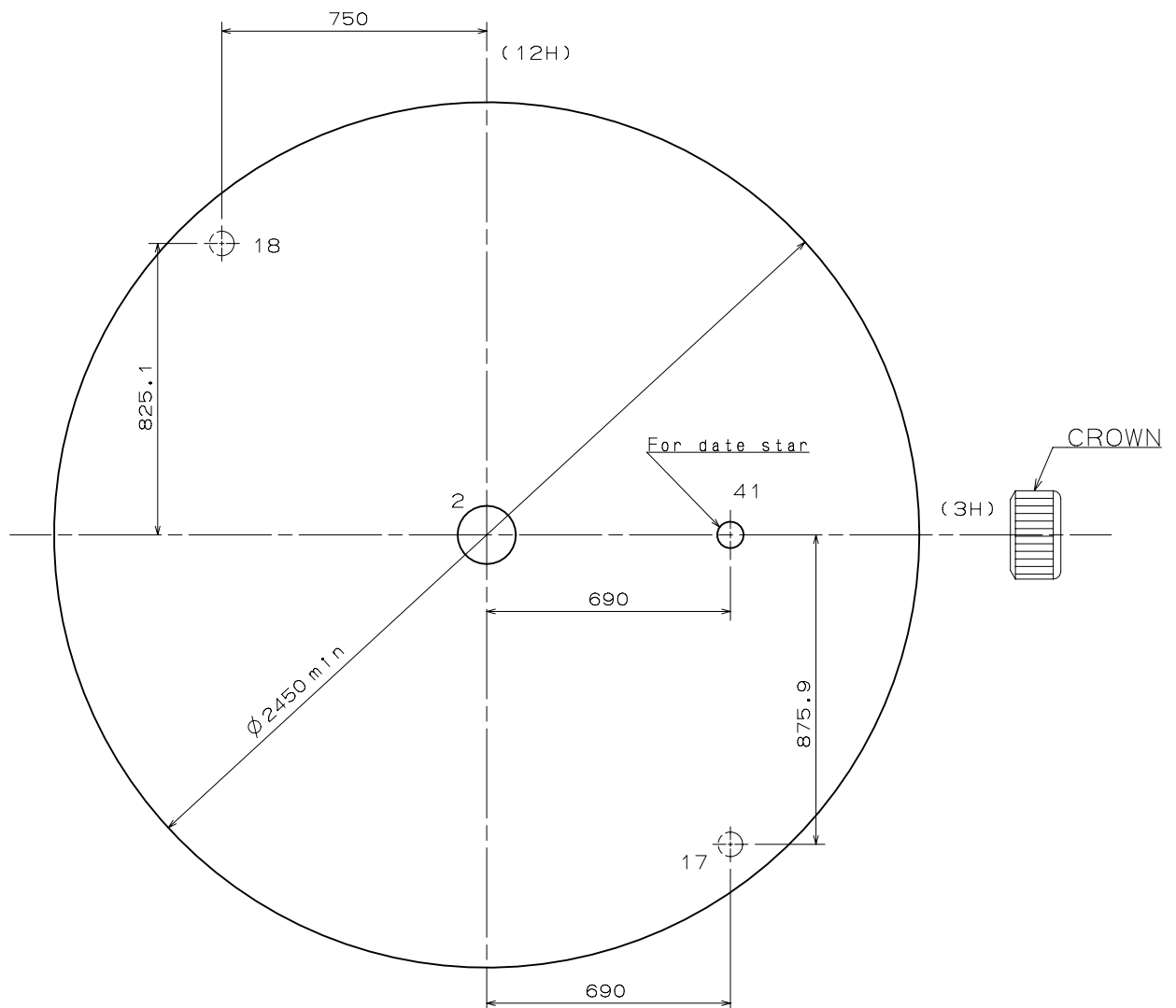
Part name	Part No.	
	TYPE M 一般針高	TYPE L 高針
Hour wheel 時針輪	0273 169	0273 035
Center wheel 分針輪	0221 069	0221 076
Date star 日曆針輪	0970 169	0970 037



	A	B	C	D	E
TYPE M 一般針高	72	110	31	40	35
TYPE L 高針	95	145	41	85	40



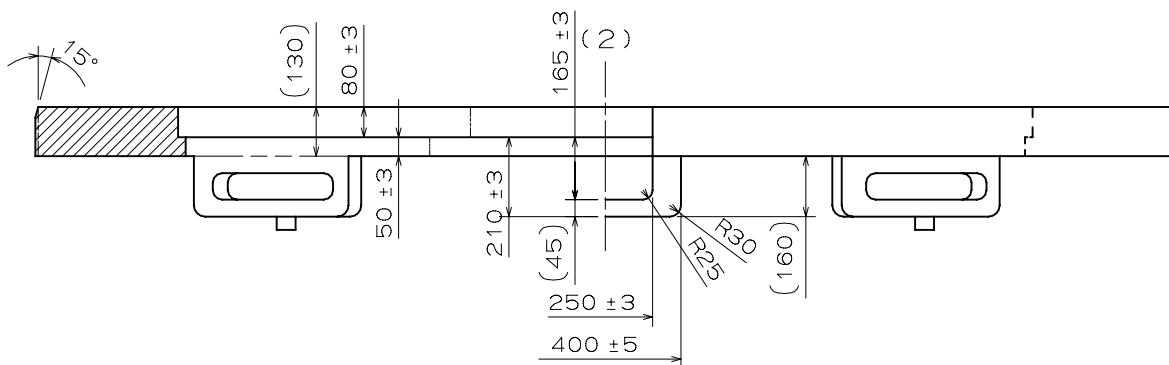
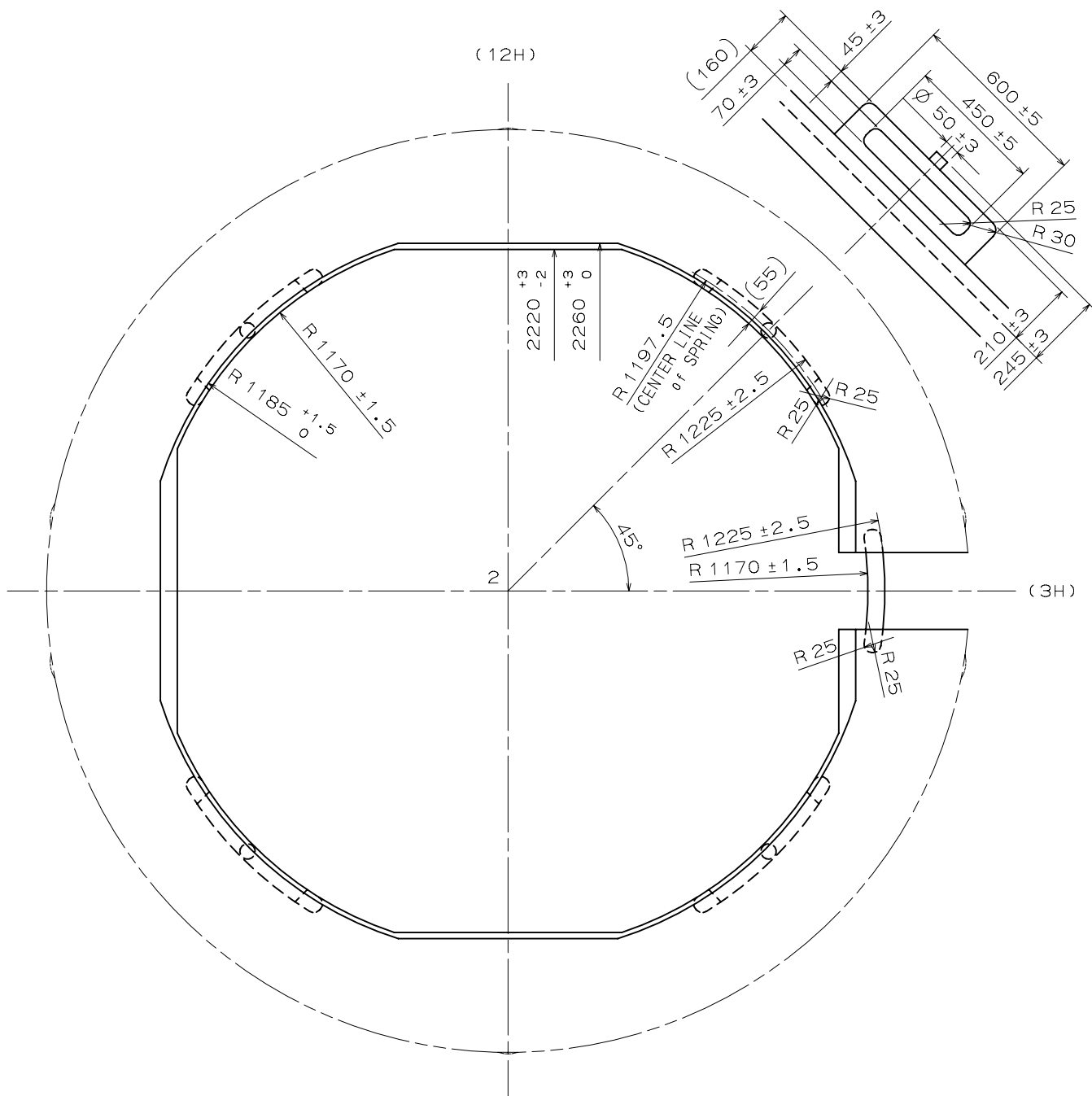
	Part No.	A	B
TYPE A	0351 177	1371	1969
TYPE B	0351 122	1947	2545



	TYPE M	TYPE L
A	40	85

Unit : 1=1/100mm

Version : 1

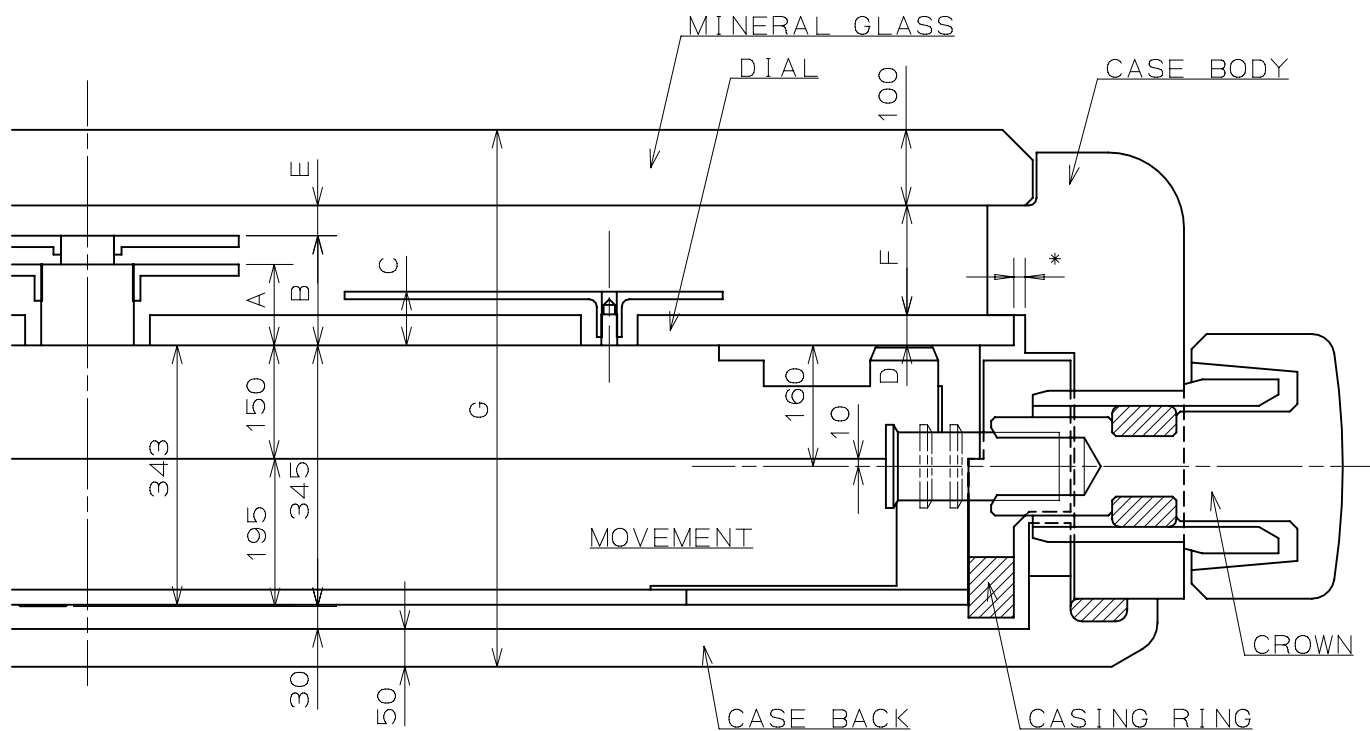


SECTIONAL VIEW of 12H DIRECTION

SIDE VIEW from 3H DIRECTION

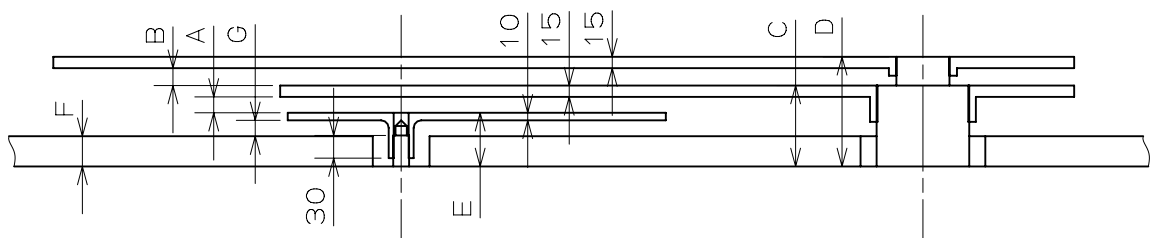
Unit : 1=1/100mm

Version : 1



	A	B	C	D	E	F	G
TYPE M	112	150	71	40	35	145	710
TYPE L	180	230	126	85	40	185	795

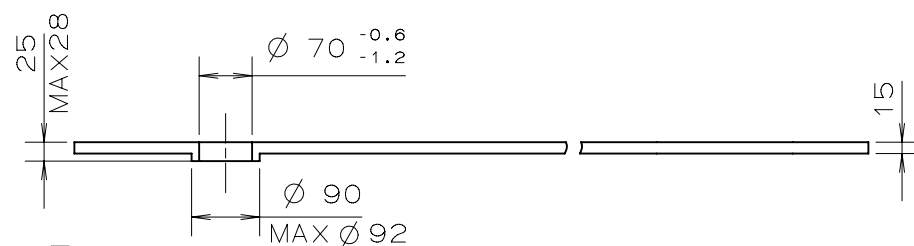
*Recommended Dimension(Clearance of DIAL and CASE BODY):15



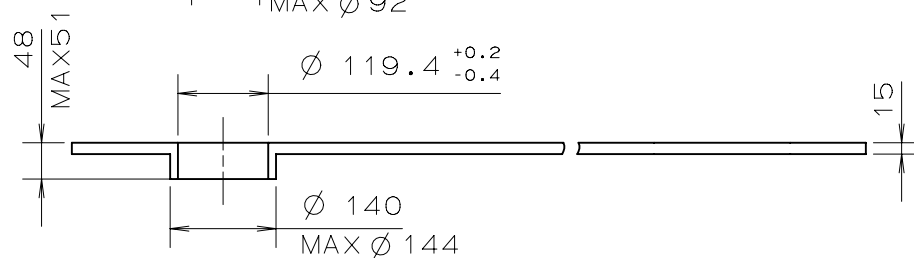
	A	B	C	D	E	F	G
TYPE M	26	23	112	150	71	40	21
TYPE L	39	35	180	230	126	85	31

TYPE M

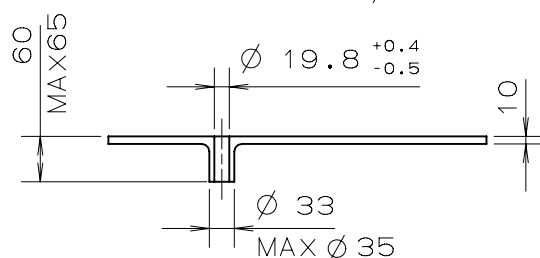
MINUTE



HOUR

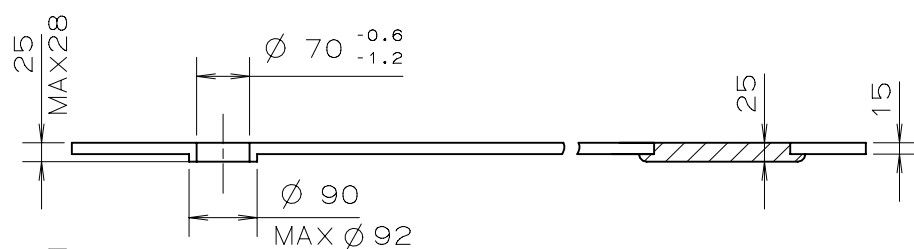


DATE

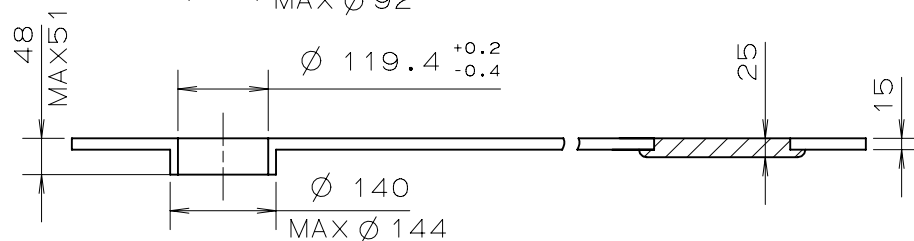


TYPE L

MINUTE



HOUR



DATE

