



Cal. VX00A

10.8×13.75 mm
H 2.09 mm

Items	Rev.	Page
Specifications	03	1
Appearance	01	2
Casing	02	3
Hand fitting	01	4
Hand setting stem	01	5
Dial	01	6
Casing ring	00	7

Date: 29/May/'06

S.EPSON Products

MOVEMENT SPECIFICATIONS

CAL. VX00A

Analog Quartz 4·3/4" Slim Movement / Two Hands(H/M)

1. MOVEMENT DIMENSIONS

*Outside diameter	14.50mm(12-6H) × 10.80mm(3-9H)
*Casing diameter	13.75mm(12-6H) × 10.80mm(3-9H)
*Total height	2.09mm(including battery)

2. TIME STANDARD

*Type of quartz oscillator	Tuning fork
*Frequency of quartz oscillator	32,768 Hz
*Accuracy	±20 seconds per month (on wrist)
*Operating temperature range	−5°C to +50°C
*Regulation device	Nil (Pre-adjusted)

3. INDICATOR / FUNCTIONS

*2 Hands	Hour / Minute
*Reset switch	
*Setting mechanism	Crown at normal position : Free Crown pulled out 1st click : Time setting / Reset

4. FEATURES

*Jewels	0 Jewel
*Anti-magnetism	Over 1600A/m (Direct current magnetic field)
*Maximum unbalance of hands	Minute hand : 15 mg·mm Hour hand : 13 mg·mm

5. BATTERY

*Type / Size	Silver oxide battery / ϕ 5.8mm × t 1.65mm
*Recommended battery	SR516SW (Maxell, Sony, Seizaiken)
*Nominal voltage	1.55 V
*Battery life	Approx. 3 years
*Driving current consumption	Approx. 0.25 μ A
*Operation stopping voltage	1.0 V

6. SEPARATED PARTS (Parts code)

*Hour wheel	0271813(Type S),0271829(Type L)
*Dial washer	0491735
*Hand setting stem	0351807
*Battery	SR516SW

7. TEST OF ACCURACY

*Equipment to be used	SEIKO quartz tester QT-99, Greiner quartz timer-C , Witschi Q-tester 4000
*Duration of measurement	10 seconds
*Microphone to be used	Electromagnetic detection type

All specifications are subject to change without notice.

Circuit block cover

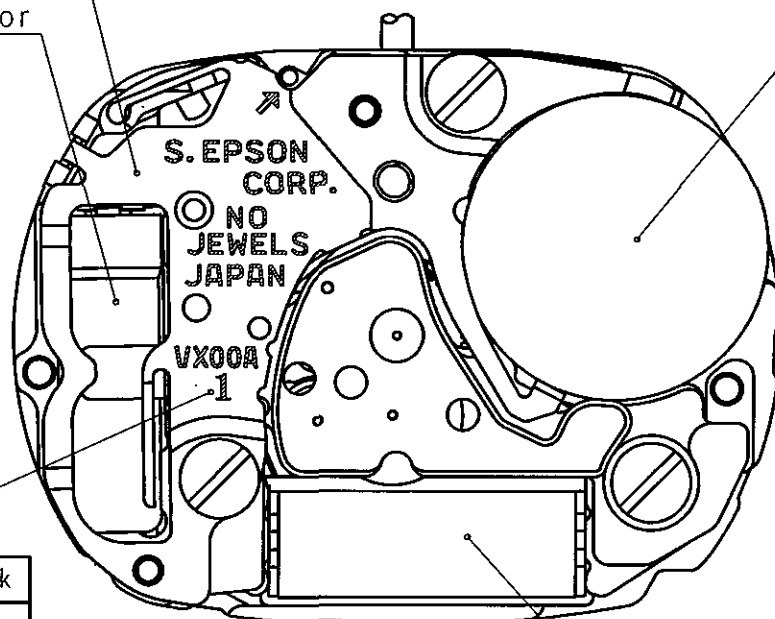
Crystal oscillator

Battery

Hands type

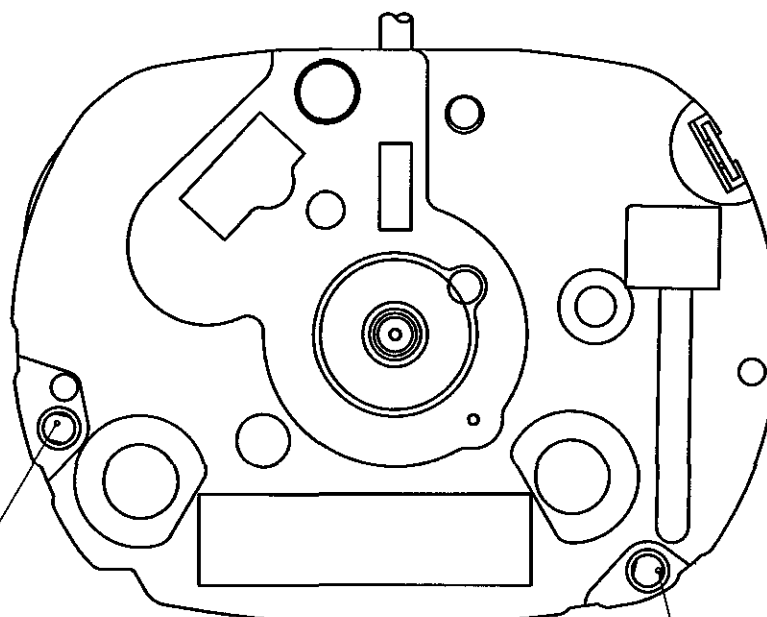
	Mark
Type S (1) VX00A1	1
Type L (3) VX00A2	3

Coil block

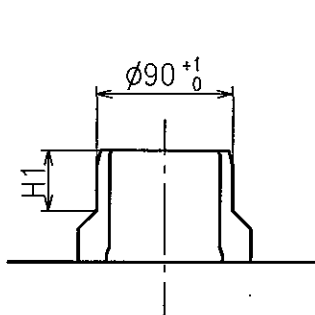


Dial leg hole B

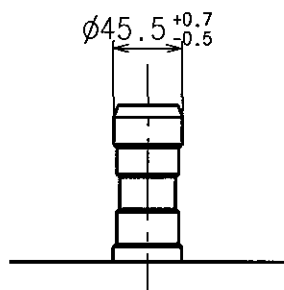
Dial leg hole A



- ※ Hour hand unbalance $\leq 13\text{mg} \cdot \text{mm} (0.13\mu\text{N} \cdot \text{m})$
- ※ Minute hand unbalance $\leq 15\text{mg} \cdot \text{mm} (0.15\mu\text{N} \cdot \text{m})$

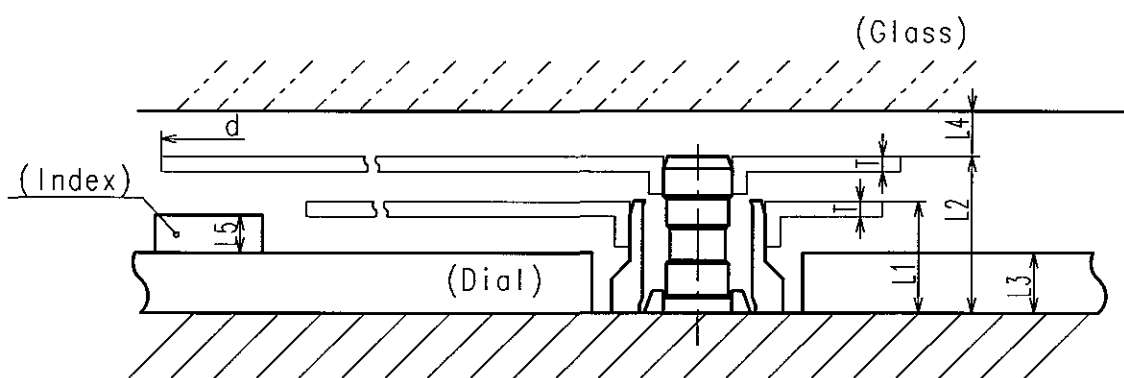


Hour wheel

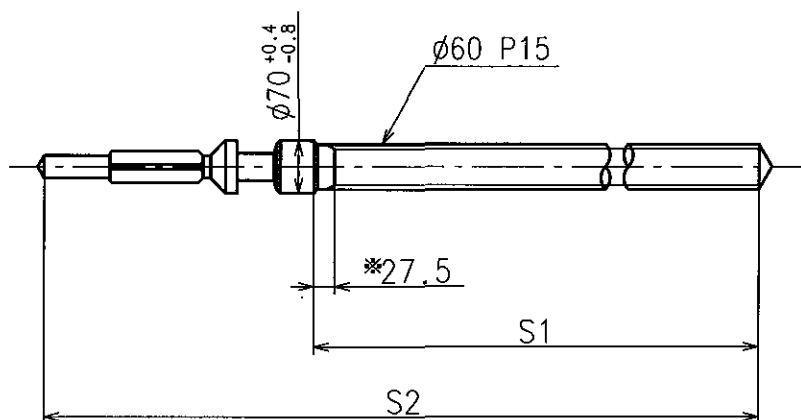


Center wheel

	Parts No.		Dimension
	Hour wheel	Center wheel	H1
Type S (1) VX00A1	0271813	0221813	40
Type L (3) VX00A2	0271829	0221829	40



	L1	L2	L3	L4	L5	T	d
Type S (1) VX00A1	74	104	40	MIN: 30	MAX: 25	10	MAX: $\phi 1500$
Type L (3) VX00A2	122	152	90	MIN: 30	MAX: 25	10	MAX: $\phi 1500$



※ Not threaded

	Part No.	S1	S2
Standard	0351807	935	1292.3

Material : Steel

Hardness : Vickers 600±50

