

Watch Movement Specification and Drawing

MINI & SLIM

Cal. VX00A

Movement Size

4 3/4'''

Casing Diameter

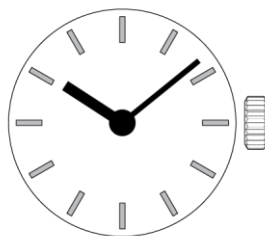
10.8 × 13.75mm

Height

2.09mm

Battery Life

3 years



Date: 18/Sep./'20

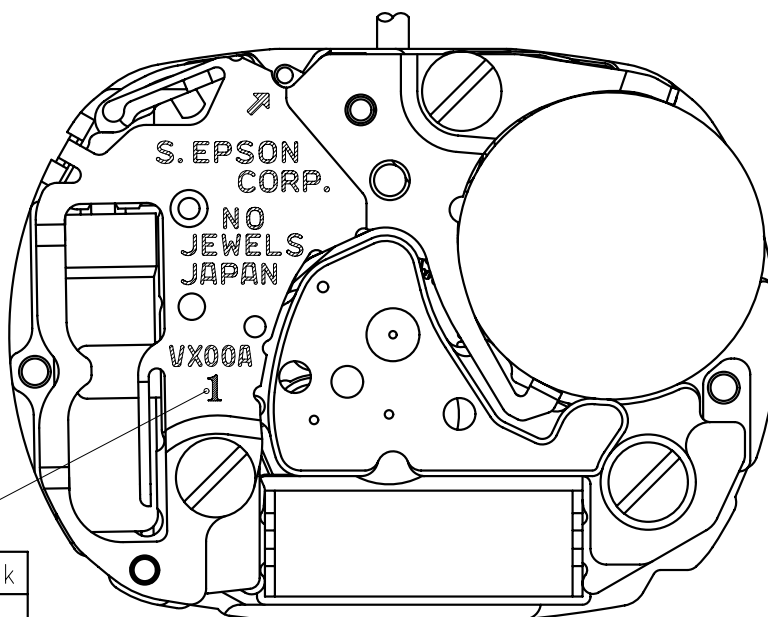
Cal. VX00A

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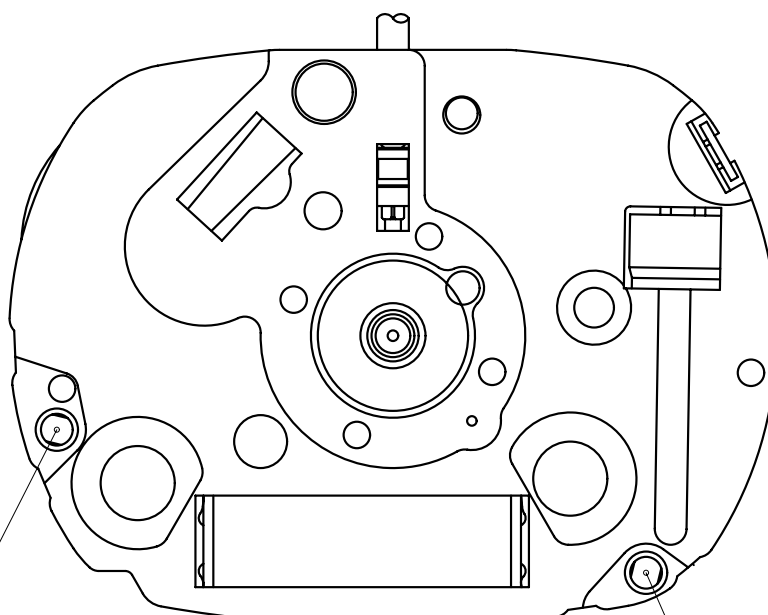
Cal.	VX00A	Specifications		Date : 18/Sep./'20
				Rev. : 06
Analog Quartz 4 3/4" Slim Movement / Two Hands(H/M)				
1. MOVEMENT DIMENSIONS				
Outside diameter		10.80mm(3-9H) × 14.50mm(12-6H)		
Casing diameter		10.80mm(3-9H) × 13.75mm(12-6H)		
Total height		2.09mm(including battery)		
2. TIME STANDARD				
Type of quartz oscillator		Tuning fork		
Frequency of quartz oscillator		32,768 Hz		
Accuracy		±20 seconds per month (on wrist)		
Operating temperature range		－5℃ to +50℃		
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 Jewels		
Anti-magnetism		Over 1600A/m (Direct current magnetic field)		
Maximum unbalance of hands		Hour hand		: 0.13 μ N・m
		Minute hand		: 0.15 μ N・m
5. BATTERY				
Type / Size		Silver oxide battery / φ5.8mm × t 1.65mm		
Recommended battery		SR516SW (Maxell, Murata, 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) or 0271829(Type L)		
Dial washer		0491735		
Hand setting stem		0351807 or 0351808 or 0351819 or 0351818		
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.				

Hands type

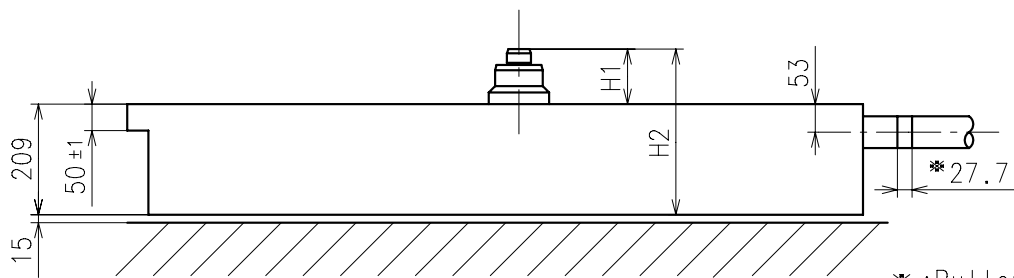
	Mark
Type S (1)	1
Type L (3)	3



Dial leg hole B

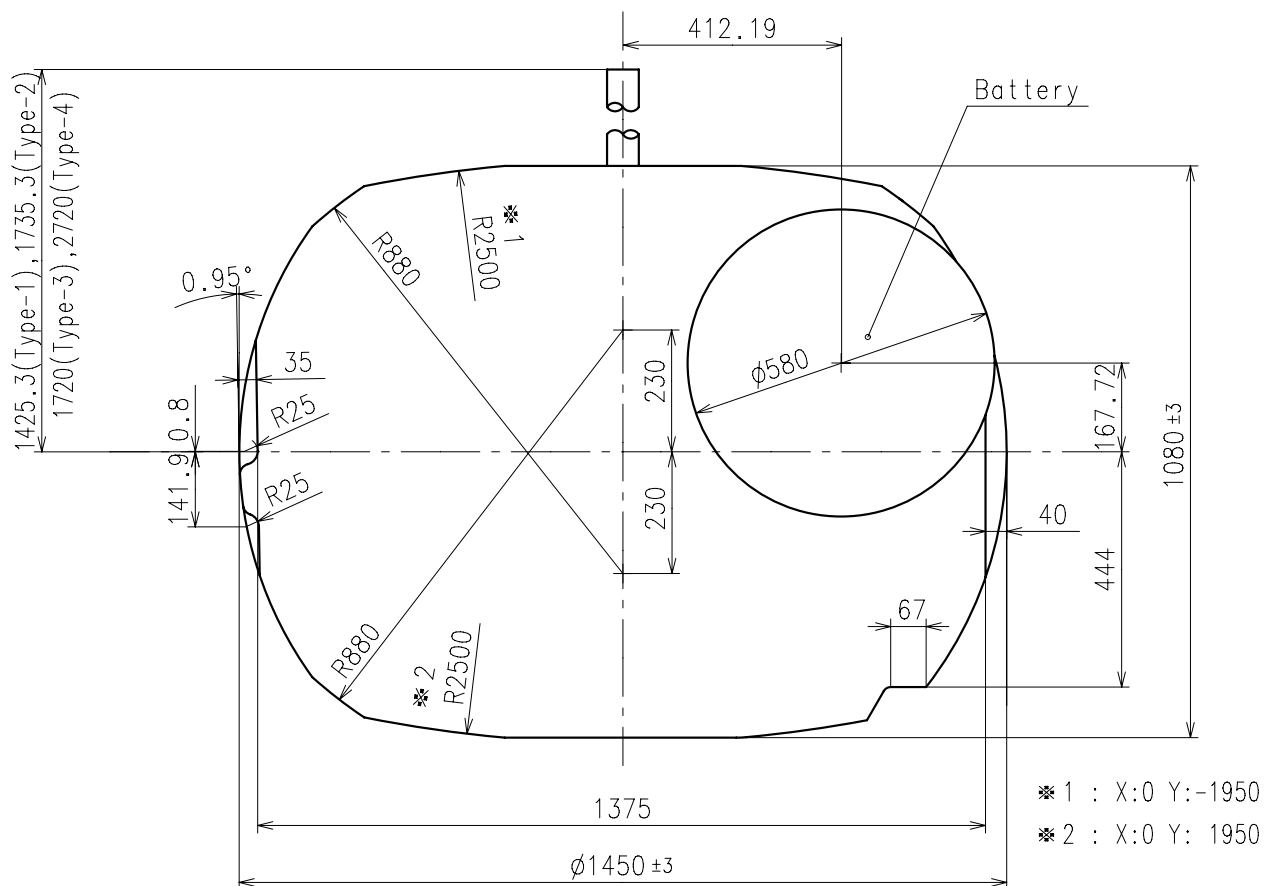


Dial leg hole A

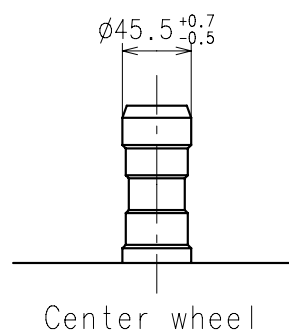
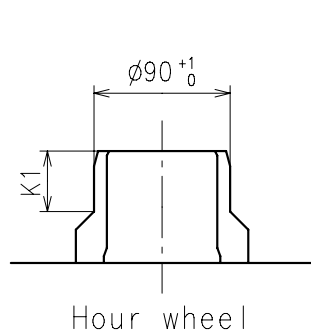


※:Pull out stroke

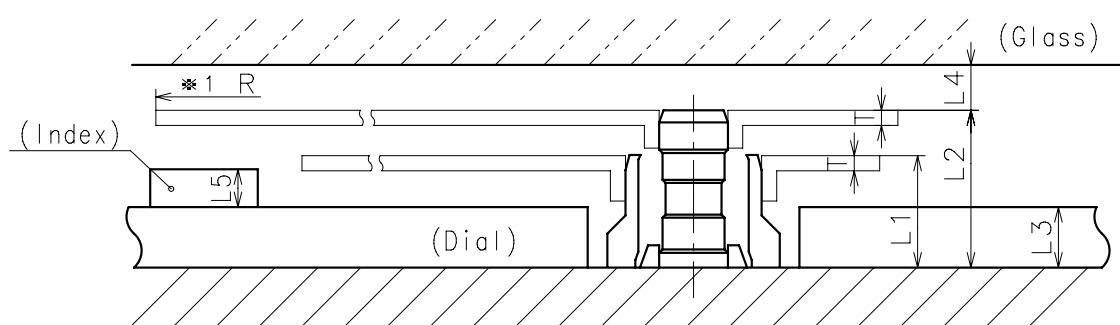
Center post		Type S (1) VX00A1	Type L (3) VX00A2
Maximum height from dial support	H1	104	152
Total height including movement	H2	313	361



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

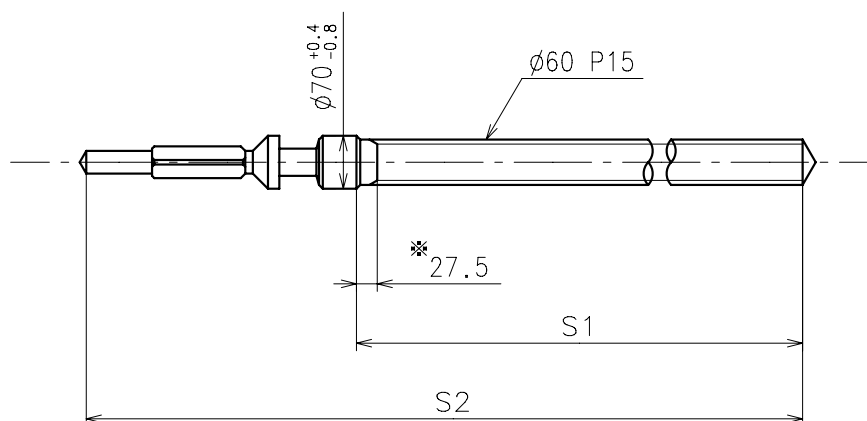


	Parts No.		Dimension
	Hour wheel	Center wheel	K1
Type S (1) VX00A1	0271813	0221813	40
Type L (3) VX00A2	0271829	0221829	40



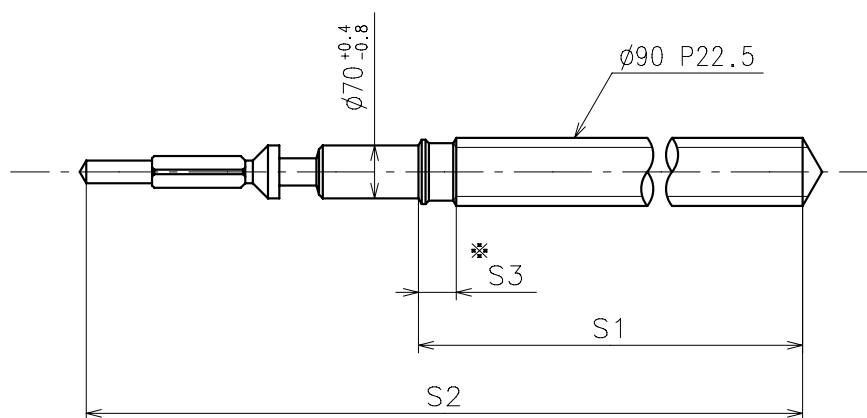
	L1	L2	L3	L4	L5	T	*1 R
Type S (1) VX00A1	74	104	40	MIN: 30	MAX: 25	10	MAX: 750
Type L (3) VX00A2	122	152	90	MIN: 30	MAX: 25	10	MAX: 750

※ 1: It is the size taken into consideration for hands attachment.
Please observe some standard value specified in unbalance when using long hands.



※ Not threaded

	Part No.	S1	S2
Type-1 (Standard)	0351807	935	1292.3
Type-2	0351808	1245	1602.3



※ Not threaded

	Part No.	S1	S2	S3
Type-3	0351819	1148	1577	50
Type-4	0351818	2148	2577	1050

Material : Steel

Hardness : Vickers 600±50

