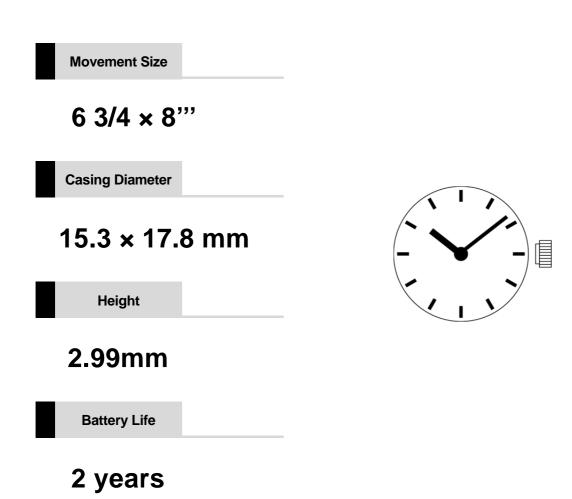


Watch Movement Specification and Drawing

## STANDARD

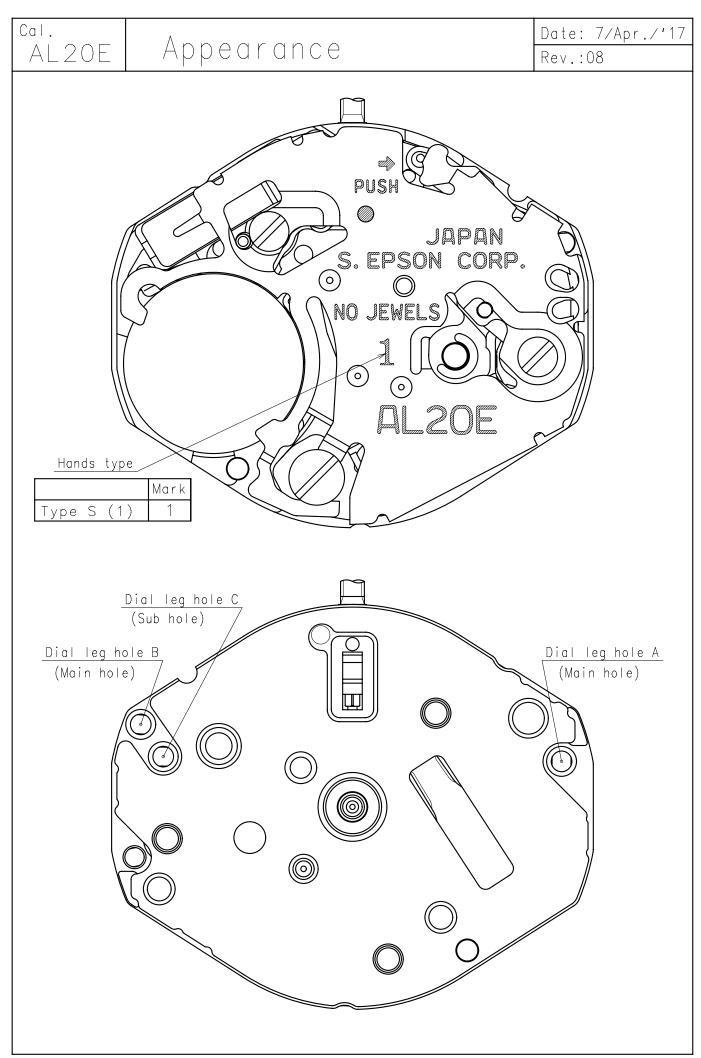
## **Cal. AL20E**

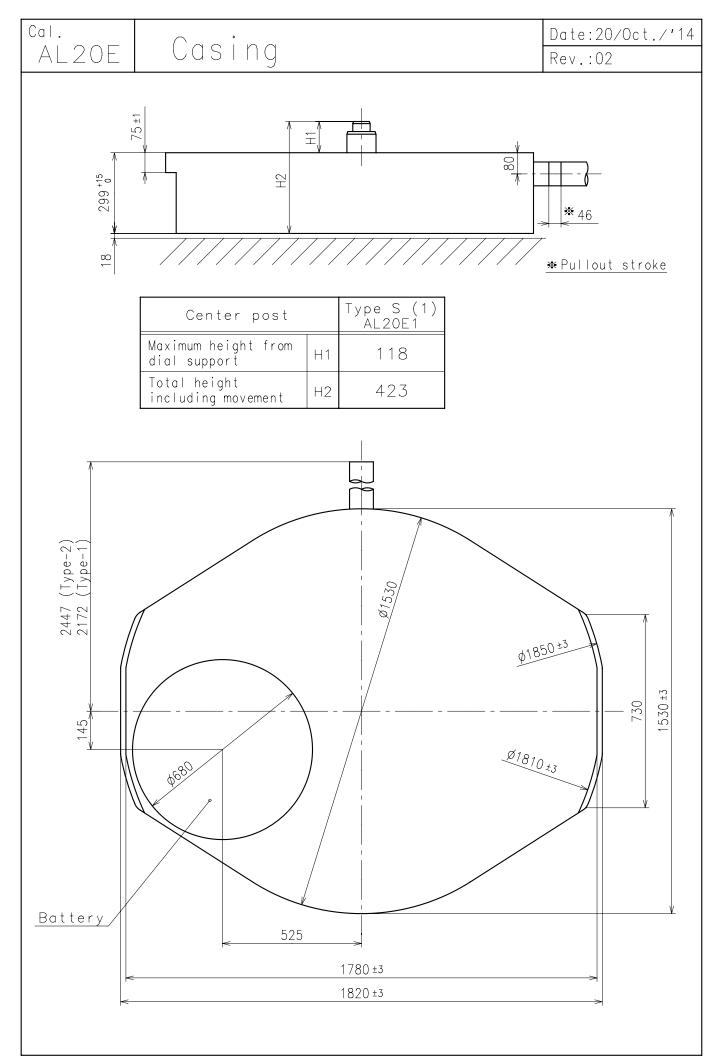


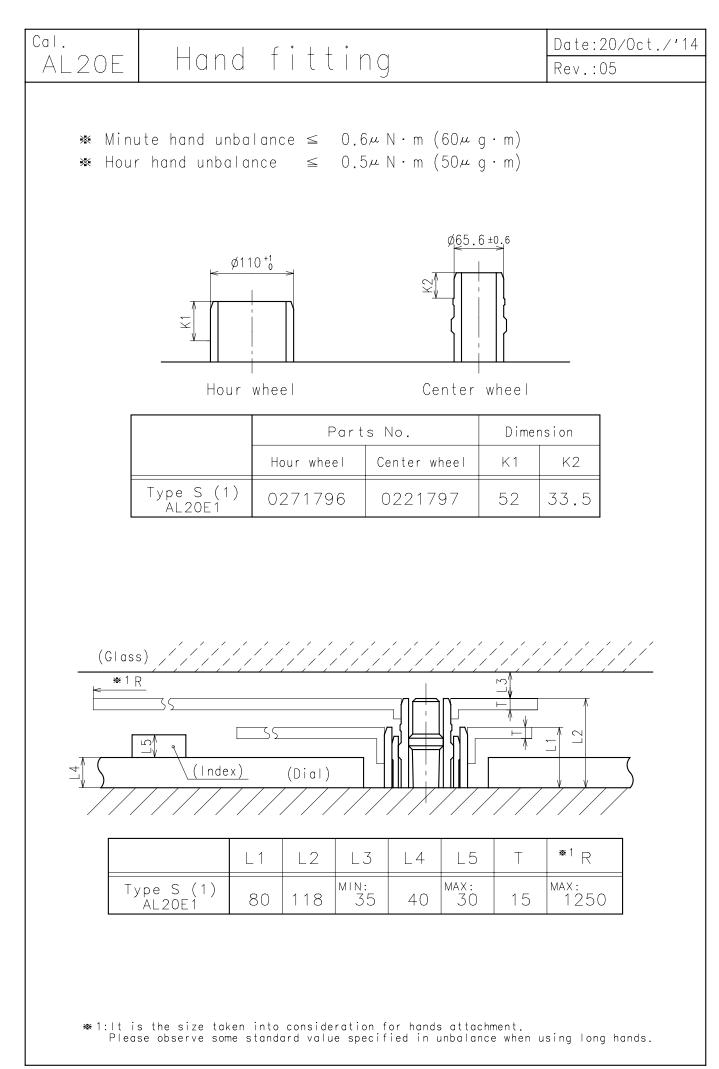
## Cal. AL20E

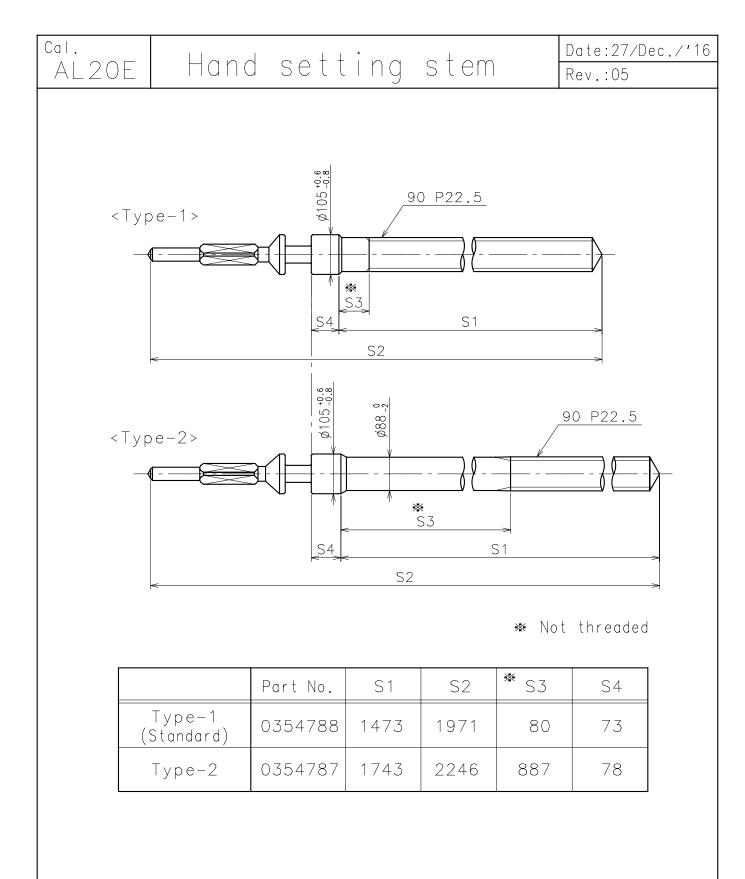
Items	Rev.	Page
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Hand setting stem	05	5
Dial	03	6
Casing ring	02	7

<sup>I.</sup> AL20E	Speci	fications	Rev.: 03
Analog	Quartz 6 3/4 × 8	3''' Standard Series Moveme	nt / Two Hands (H/M)
1. MOVEMENT D	IMENSIONS		
Outside diamete	r	15.30mm(3-9H) × 18.20mm	(12-6H)
Casing diameter		15.30mm(3-9H) × 17.80mm	(12-6H)
Total height		2.99mm	
2. TIME STANDA	RD		
Type of quartz or	scillator	Tuning fork	
Frequency of qua	artz oscillator	32,768 Hz	
Accuracy		$\pm 20$ seconds per month (on	wrist)
Operating tempe	-	$-5^{\circ}$ C to $+50^{\circ}$ C	
Regulation devic	e	Nil (Pre-adjusted)	
3. INDICATOR / F	UNCTIONS		
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		Minute hand	: 0.6 µ N•m
		Hour hand	: 0.5 µ N∙m
5. BATTERY			
Type / Size		Silver oxide battery / $\phi$ 6.8mm × t 2.6mm	
Recommended I	oattery	SR626SW (Maxell, Sony, Seizaiken)	
Nominal voltage		1.55 V	
Battery life		Approx. 2 years	
Driving current c	•	Approx. 1.5 $\mu$ A	
Operation stoppi	ng voltage	1.1 V	
6. SEPARATED P	ARTS (Parts co	ode)	
Hand setting ste	m	0354788 or 0354787	
Battery		SR626SW	
7. TEST OF ACC	JRACY		
Equipment to be		SEIKO quartz tester QT-99,	
		Greiner quartz timer-C, Wits	chi Q-tester 4000
Duration of meas	surement	10 seconds	
Microphone to be	e used	Electromagnetic detection typ	e
	All specific	cations are subject to change with	out notice.
	, opcom		

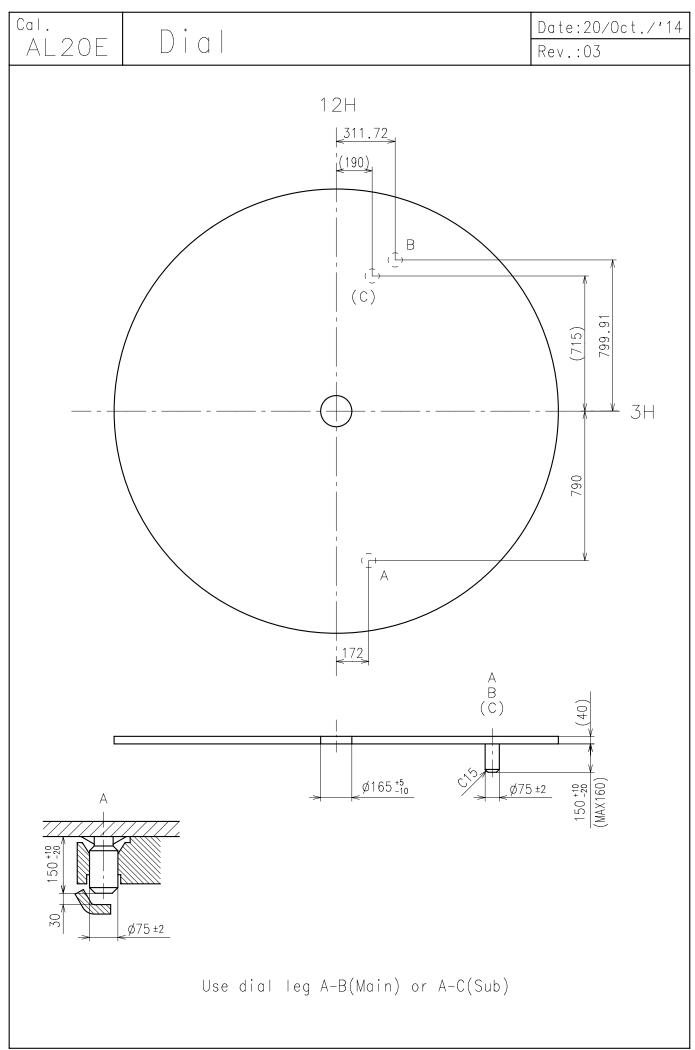








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Material : Steel
Hardness : Vickers 530±50
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Unit : 1=1/100mm

