

**ISA** SPECIALITY

Cal 8171 / 202

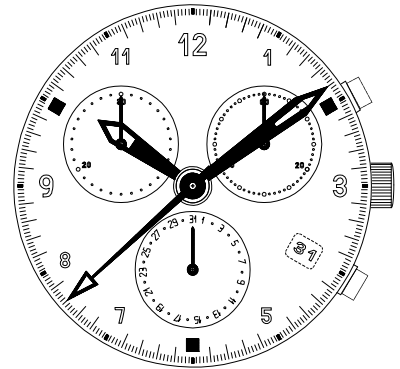


SWISS MADE



FAR EAST ASSEMBLY

11 1/2'''  
25.60 mm  
H. 3.70



In conformity with RoHS standard

CHRONOGRAPHS

10h



30 Mins.  
Chrono

6h

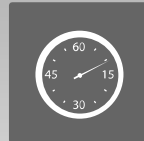


Date by  
Hand



Date by  
Window  
(Optional)

2h



Small Sec.



End Of Life

**ISASWISS**  
WATCH MECHANISMS



### Caractéristiques :

Mouvement électronique à quartz. Moteur bi-rotor breveté. Moteurs rotatifs pas à pas. Petite seconde, 1 pas par seconde.  
6 Aiguilles.  
Tige 3 positions.  
Date à aiguille  
Quantième par guichet optionnel, correcteur de quantième rapide.  
Trotteuse chronographe centrale, cinq pas par seconde. Compteur de minutes, 30 minutes, 1 pas par minute. Arrêt et remise à zéro automatique après 2 heures de chronométrage.  
Fin de vie (EOL): Déplacement de l'aiguille de petite seconde de 4 pas toutes les 4 secondes.  
Dispositif stop mécanique et électronique.  
3 rubis.

### Characteristics :

Electronic quartz movement. Patented double rotor motor. Rotating stepping motors. Small second, 1 step per second.  
6 Hands.  
Stem 3 positions.  
Date by hand.  
Date by window optional, quick date correction.  
Central chronograph trotteuse, five steps per second. Minute-counter, 30 minutes, 1 step per minute. Autostop and reset after 2 hours of timing.  
End of life (EOL): Indication by small second hand jumping 4 successive steps every 4 seconds.  
Stop device and current breaker.  
3 jewels.

### Kennzeichnungen :

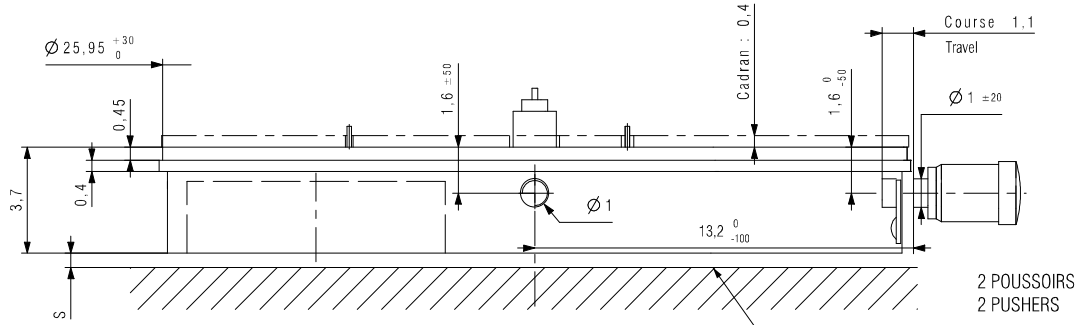
Elektronisches Quarzwerk. Patentierter Zweirotor Motor. Schrittschaltmotor Kleine Sekunde, 1 Schritt pro Sekunde.  
6 Zeiger.  
Stellwelle 3 Positionen.  
Kleiner Datumszeiger.  
Rasche Korrektur des Datums mittels Stellwelle (Option).  
Zentraler Chrono Zeiger, fünf Schritte pro Sekunde. 30 Minuten Zähler, 1 Schritt pro Minute. Stop und automatische Nullstellung nach 2 Zeitmessungstunden.  
Batterie-End-Anzeige (EOL): Vorrücken des Sekundenzeigers alle 4 Sekunden (4-Schritt-Motorimplus).  
Möglichkeit mechanisch oder elektrisch zu stoppen.  
3 Steine.

Critères Criteria Kriterium	Conditions Conditions Bedingungen	Min.	Typ.	Max.	Unités Units Einheit
Consommation Current consumption Stromaufnahme	U=1.55V T=25°C sans/without/Ohne chrono avec/with/Mit chrono 1 h/j,h/d,S/T		1.35 12.00		µA
Marche instantanée Instantaneous rate Momentaner Gang	U=1.55V T=25°C	-0.5 (-15)		+ 0.5 (+15)	s/jour s/day s/Tag (s/mois s/month s/Monat)
Température de fonctionnement Operating temperature Betriebstemperatur		0		+ 50	°C
Résistance aux champs magnétiques Resistance to magnetic fields Magnetfeldabschirmung			1500 (18.8)		A/m (Oe)

Qté Qty Menge	Désignation Designation Bezeichnung	Type Model Typ	Tension Voltage Spannung	Code Code Code	Capacité Capacity Kapazität	Autonomie théorique Theoretical Autonomy Theoretische Gangreserve
1	Pile Battery Batterie 9.50 x 2.70	SR 927 W	1.55 V	395	55 mAh	57 mois 41 * months Monate

\* Avec chrono 1h / j - With chrono 1h / d - Mit chrono 1St./T

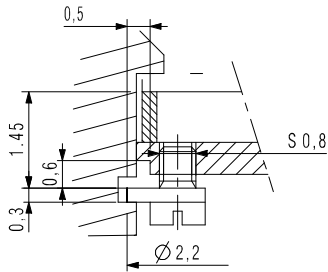
### CAGE (POUSSOIRS RADIAUX) / FRAME (RADIAL PUSHERS)



S = 0.30 ± 0.08 pour exécution bride positive  
S = 0.50 mini pour exécution bride positive spéciale

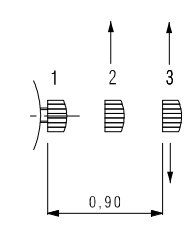
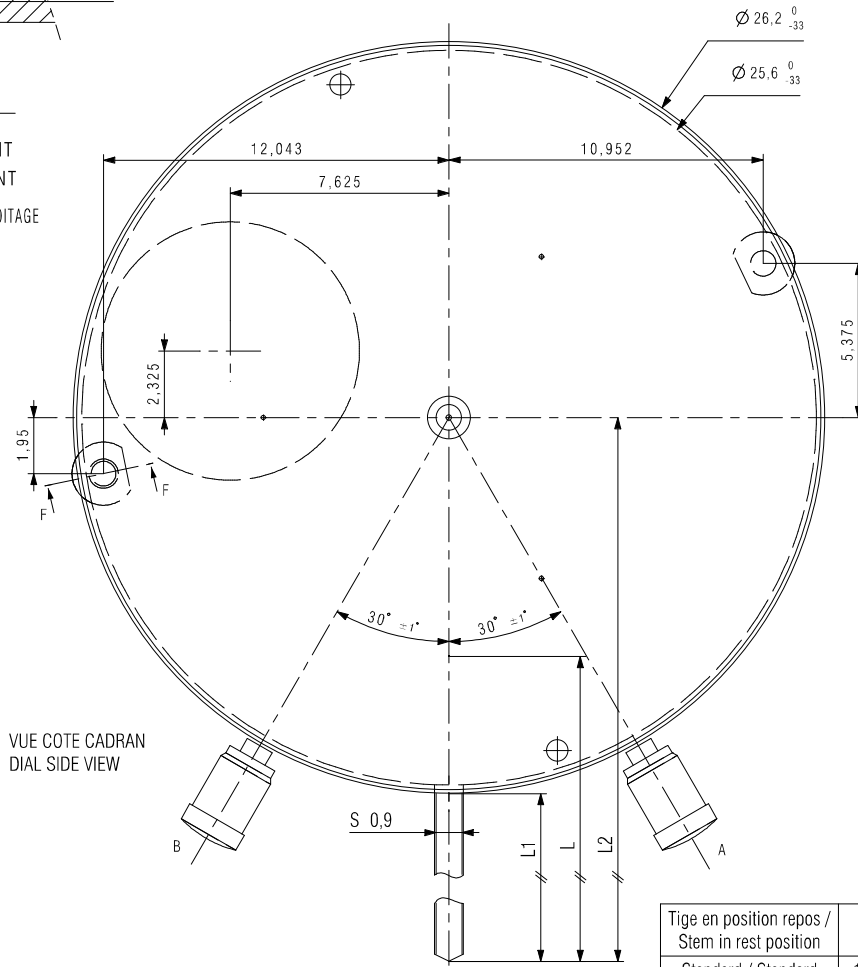
Fond de la boîte  
Case back

COUPE / CUT F-F



FIXATION DU MOUVEMENT  
FASTENING OF MOVEMENT

CLEFS DE FIXE OU CERCLE D'EMBOITAGE  
CASE SCREWS OR CASING RING  
AUTRES FIXATIONS POSSIBLES  
OTHER FIXATIONS POSSIBLES



- 1 : REPOS - REST
- 2 : QUANTIEME - DATE  
INITIALISATION  
INITIALIZATION
- 3 : MISE A L'HEURE  
HANDS SETTING  
STOP

Tige en position repos / Stem in rest position	L	L1	L2
Standard / Standard	17.1 ± 0.100	9.25	22.35
Longue / Long	25 ± 0.100	17.15	30.25

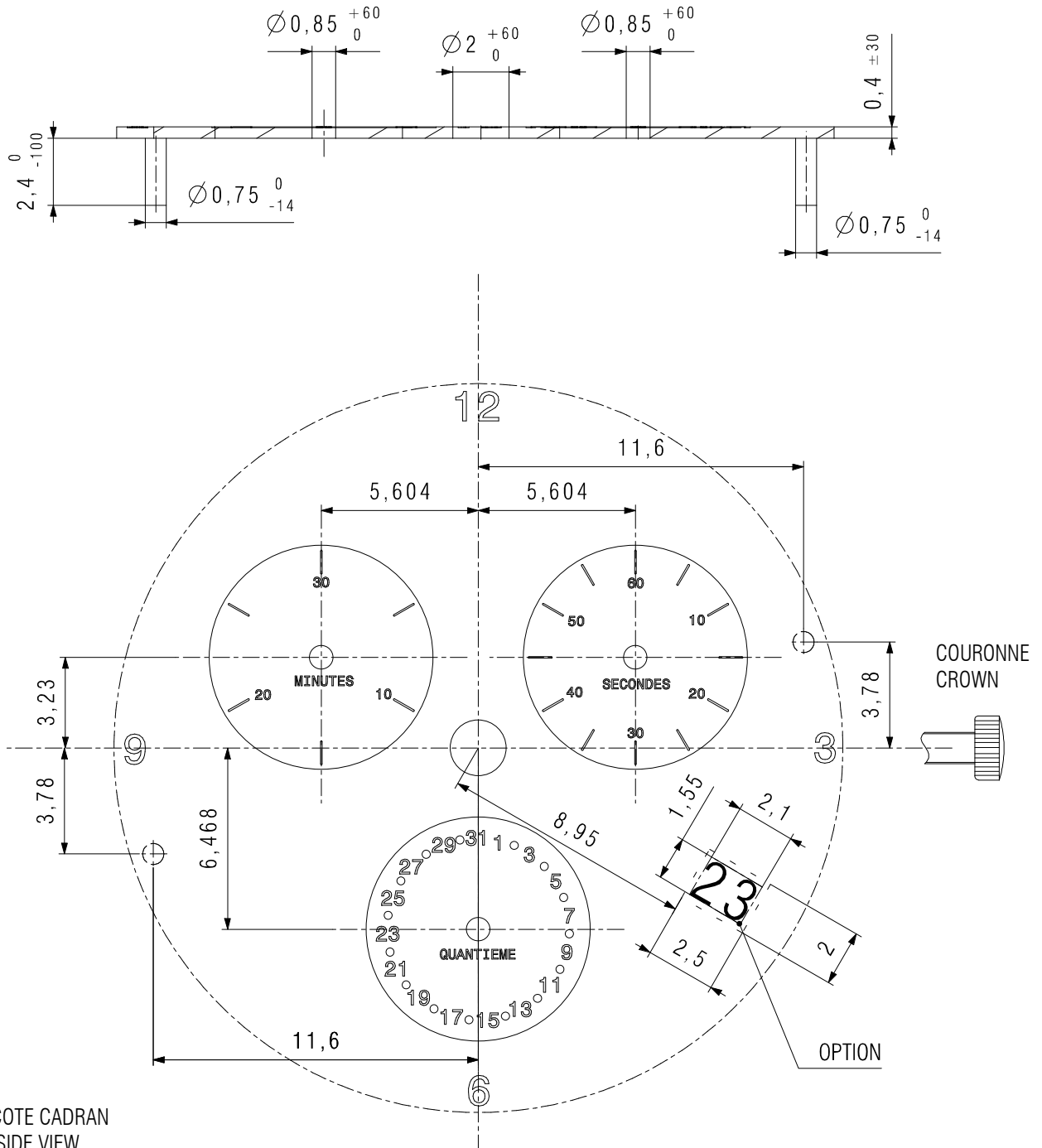
DIMENSIONS IN mm - TOLERANCES IN µm.

In conformity with RoHS standard

Doc. n° 0312132 - I Up date : 26/02/2014 - Page 3



### CADRAN / DIAL



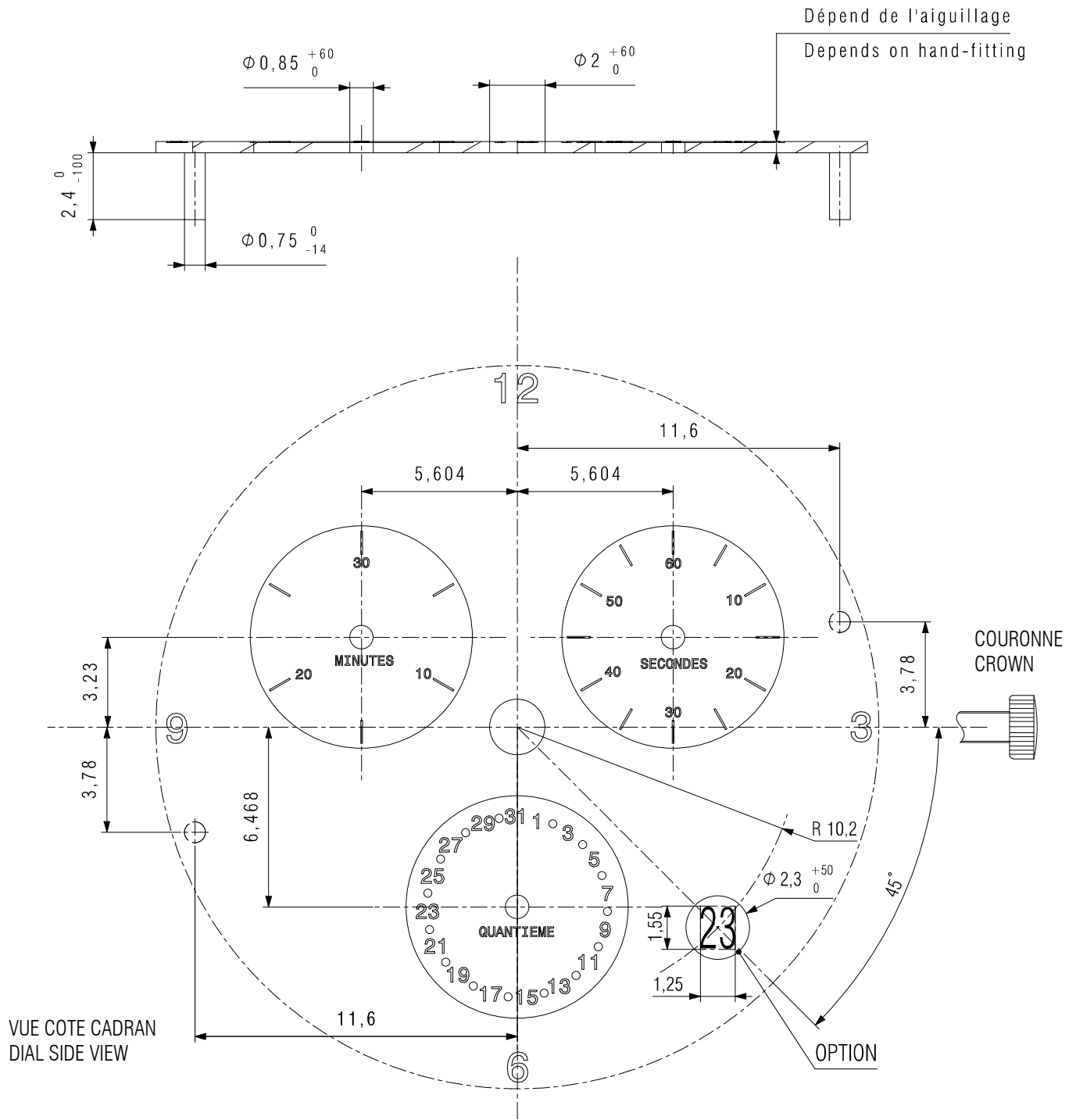
VUE COTE CADRAN  
DIAL SIDE VIEW

DIMENSIONS IN mm - TOLERANCES IN  $\mu$ m.

In conformity with RoHS standard

Doc. n° 0312132 - I Up date : 26/02/2014 - Page 5

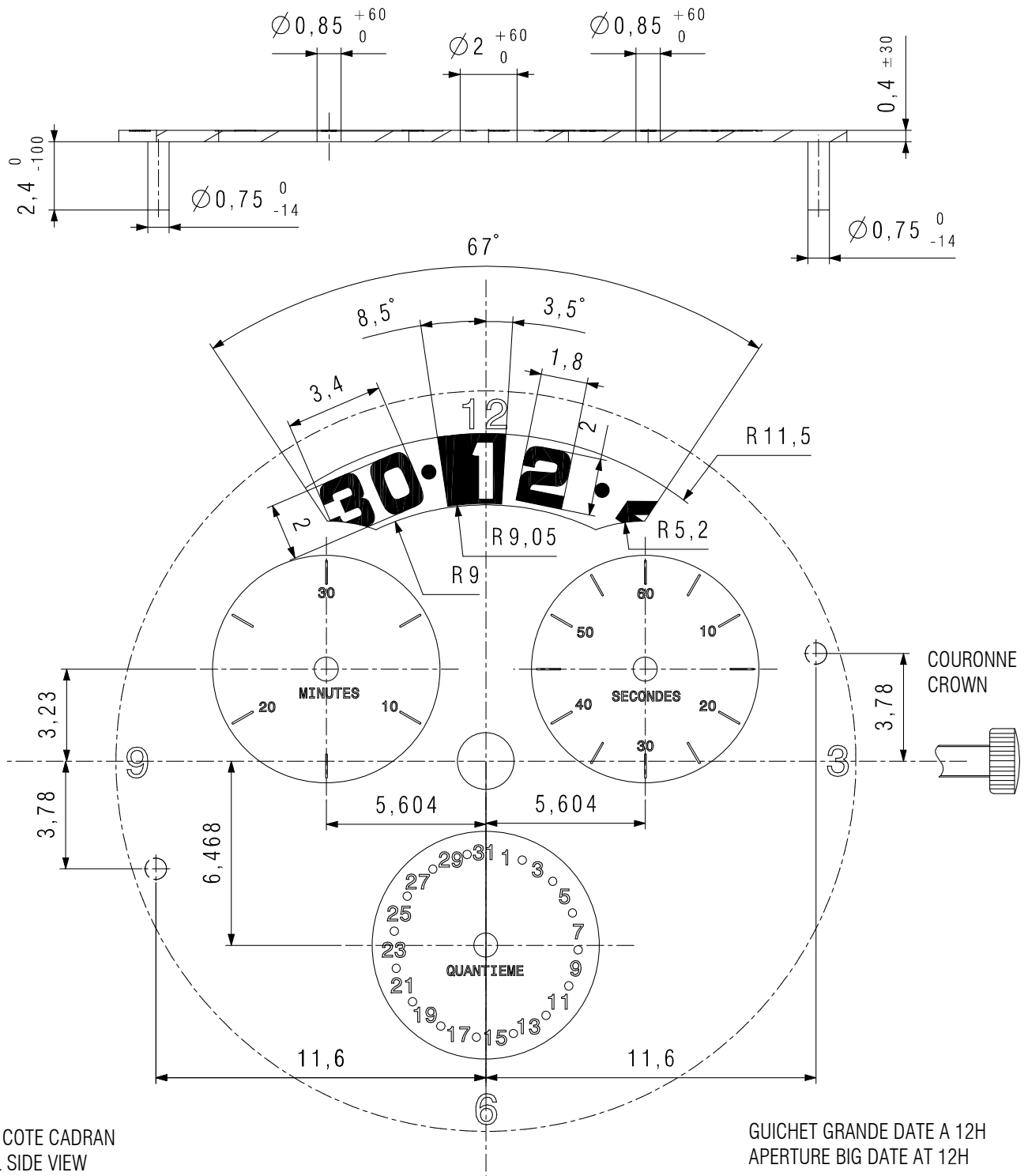
## CADRAN / DIAL



In conformity with RoHS standard

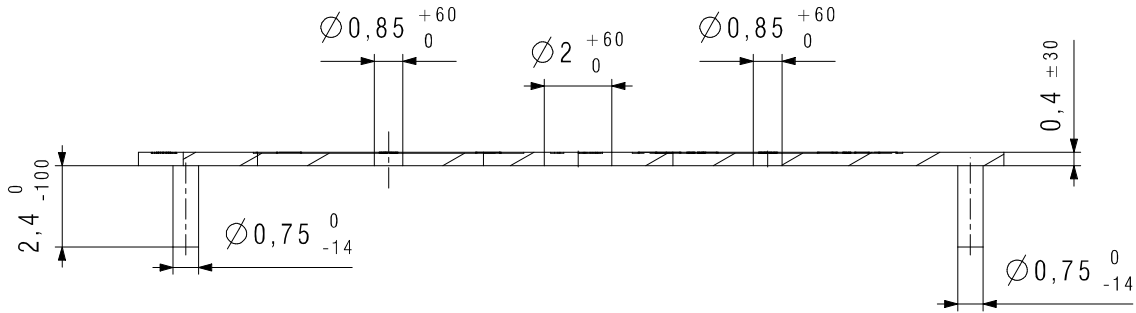
Doc. n° 0312132 - I Up date . 26/02/2014 - Page 6

## CADRAN / DIAL



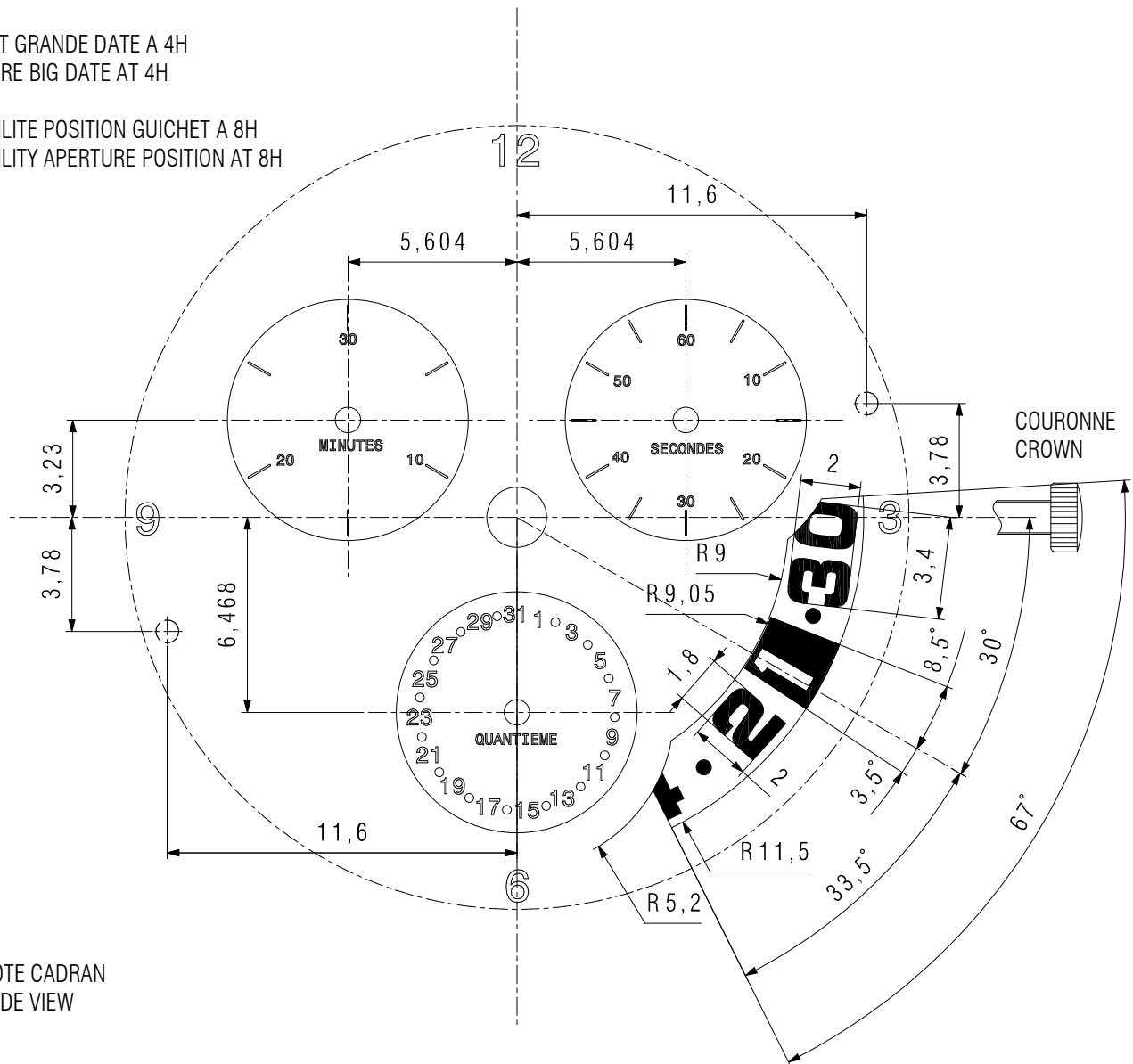
DIMENSIONS IN mm - TOLERANCES IN  $\mu$ m.

## CADRAN / DIAL



GUICHET GRANDE DATE A 4H  
APERTURE BIG DATE AT 4H

POSSIBILITE POSITION GUICHET A 8H  
POSSIBILITY APERTURE POSITION AT 8H



VUE COTE CADRAN  
DIAL SIDE VIEW

DIMENSIONS IN mm - TOLERANCES IN µm.

In conformity with RoHS standard

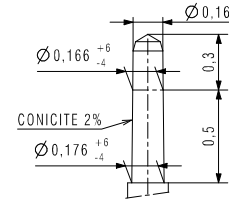
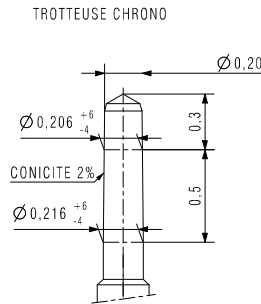
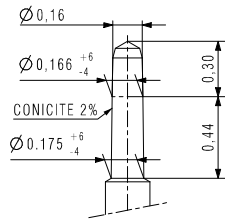
Doc. n° 0312132 - I Up date . 26/02/2014 - Page 8



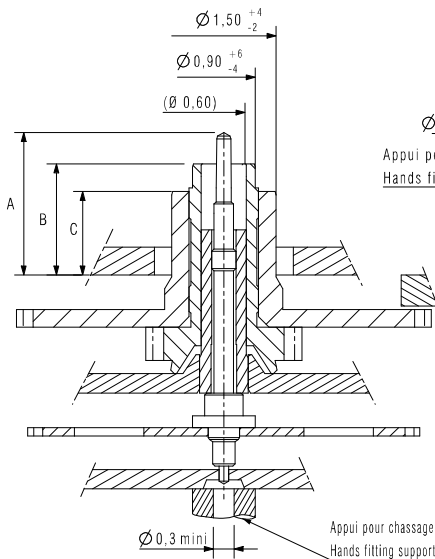
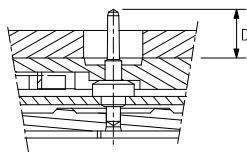
### AIGUILLAGE / HAND-FITTING

AUTRES AIGUILLAGES SUR DEMANDE  
OTHER HAND-FITTING ON REQUEST

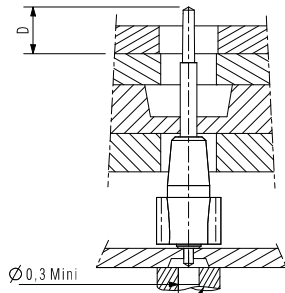
PETITE SECONDE ET COMPTEUR MIN  
SMALL SECOND AND MIN. COUNTER.



DATE PAR AIGUILLE - DATE BY HAND

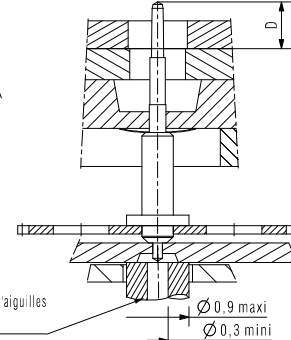


PETITE SECONDE/SMALL SECOND



Appui pour chassage d'aiguilles  
Hands fitting support

COMPTEUR MINUTE-MINUTE COUNTER



Appui pour chassage d'aiguilles  
Hands fitting support

AIGUILLAGE / HAND-FITTING	Dépassement / Height over dial seat				Epaisseur cadran / Dial Thickness
	A	B	C	D	
N°2	Pignon Central / Central wheel pinion	Chaussée / Cannon pinion	Roue des heu- res / Hour wheel	Pignon petit(s) compteur(s) / Small counter(s) wheel pinion	0.40
N°4	2.05	1.60	1.20	0.70	0.85 maxi.
Special N°5	2.50	2.05	1.65	1.15	0.40
	3.15	2.70	2.30	0.70	
CHOCS 450 g / 450 g SHOCKS		Balourd / Unbalance		FORCE DE CHASSAGE / PRESS-IN-FORCE	
Aiguille des heures - Hour Hand		--		≤ 25 N	
Aiguille des minutes - Minute Hand		≤ 10 µNm		≤ 25 N	
Trotteuse centrale - Central Hand		≤ 0.8 µNm		≤ 25 N	
Aiguilles des petits compteurs - Small counters Hands		≤ 0.2 µNm		≤ 20 N	

DIMENSIONS IN mm. - TOLERANCES IN µm.

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Doc. n° 0312132 - I Up date : 26/02/2014 - Page 9

# ISASPECIALITY

8171/ 202



SWISS MADE

FAR EAST ASSEMBLY

11 1/2'''

25.60 mm

EXEMPLE DE PRESENTATION  
DESIGN SAMPLE



In conformity with RoHS standard

Doc. n° 0312132 - I Up date : 26/02/2014 - Page 10

**ISASWISS**  
WATCH MECHANISMS

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