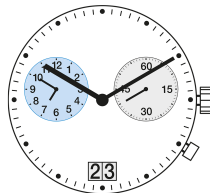
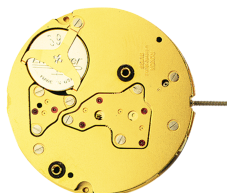


Quartz Movements

特别功能

朗达 超值系列

型号 4120.B - 12□"



产品规格

指针式石英机芯

系列

超值系列

型号

4120.B

尺寸

12□"

版本 瑞士制造

7 钻石 / 金色

版本 瑞士零件 远东组装

3 钻石 / 银色

电池寿命

50 月

标准针高

2

特点

- 金属机芯，可修理
- 拉停把心省电功能：节省大概70%耗电
- 一个按掣简易操作
- 大日历可快调

功能

- 响闹
- 特别功能
- 两针
- 大日历
- 小秒针

Quartz Movements

特别功能

朗达 超值系列

型号 4120.B - 12□”

技术规格

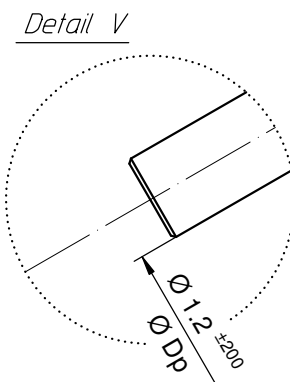
机芯直径	28.60 mm
内罩座位直径	28.00 mm
机芯厚度	4.40 mm
电池以上厚度	4.40 mm
机芯座位	0.60 mm
把中	1.90 mm
把心行程	0.90 mm
把心螺纹直径	0.90 mm
秒针运行扭力 - 一般情况下	6 μ Nm
分针运行扭力 - 一般情况下	300 μ Nm
运作温度	0 - 50 °C
误差率	-10/ +20 秒/月
防磁度	18.8 Oe
防震度	NIHS 91-10



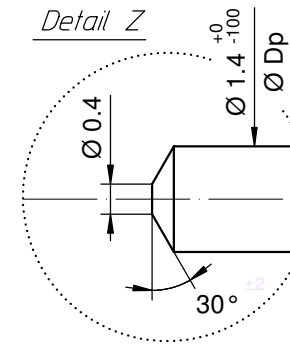
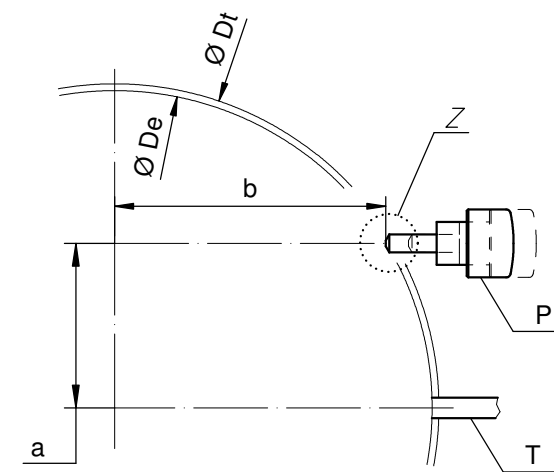
电池规格

电池类型	型号 395
电池寿命	50 月
电压	1.5 V
电耗 - 一般情况下	1.42 μ A (日历不在跳动当中)
电耗 - 上限	1.65 μ A (日历不在跳动当中)

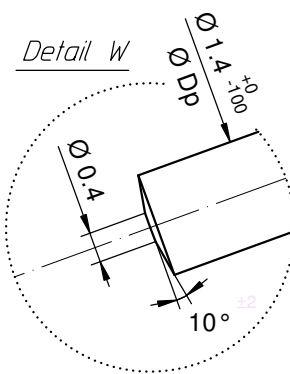
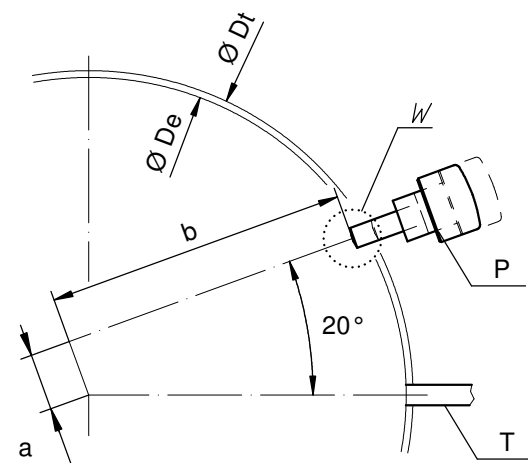
Angle Winkel Angle	30°	
Ø Dp	b	
1.00	13.50	
1.10	13.50	
1.20	13.50	
1.30	13.50	
1.40	13.50	



Angle Winkel Angle	0°	
Ø Dp	a	b
1.30	7.40	11.43
1.40	7.45	11.40



Angle Winkel Angle	20°	
Ø Dp	a	b
1.30	2.57	13.22
1.40	2.59	13.21



Ø De: diamètre d'encageage
Durchmesser der Gehäusepassung
fitting-diameter

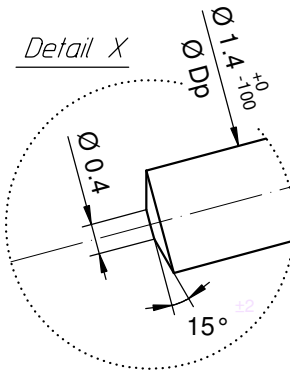
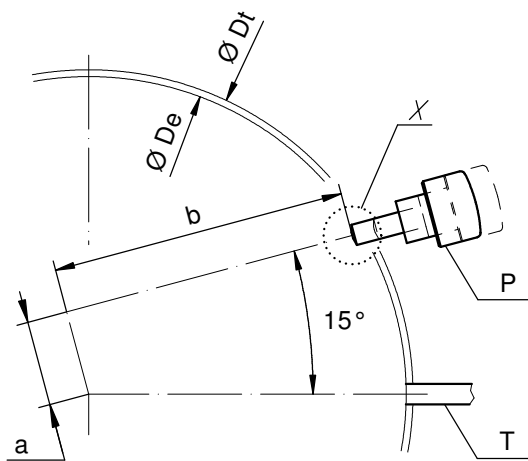
Ø Dp: diamètre du poussoir
Drückerdurchmesser
pusher-diameter

Ø Dt: diamètre total
Totaldurchmesser
total-diameter

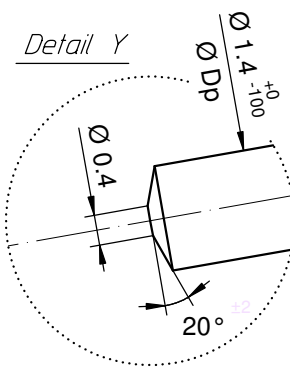
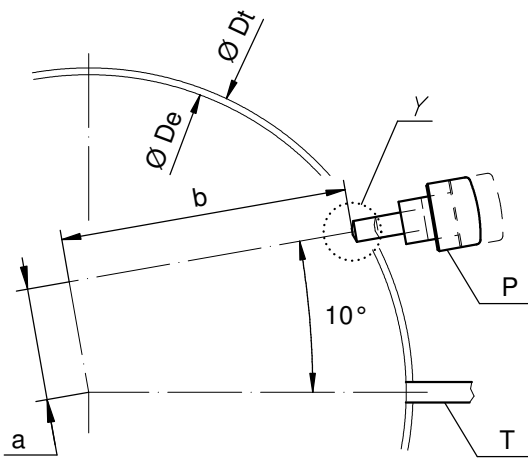
P: poussoir en position poussée
Drücker in gedrückter Stellung
pusher in pressed position

T: tige de mise à l'heure
Stellwelle
stem

Angle Winkel Angle	15°	
Ø Dp	a	b
1.30	3.83	12.92
1.40	3.86	12.91



Angle Winkel Angle	10°	
Ø Dp	a	b
1.30	5.06	12.52
1.40	5.10	12.50

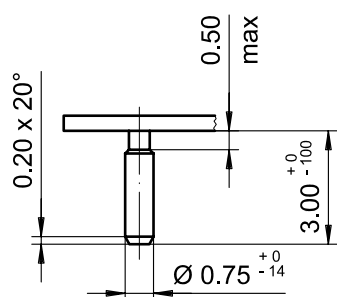
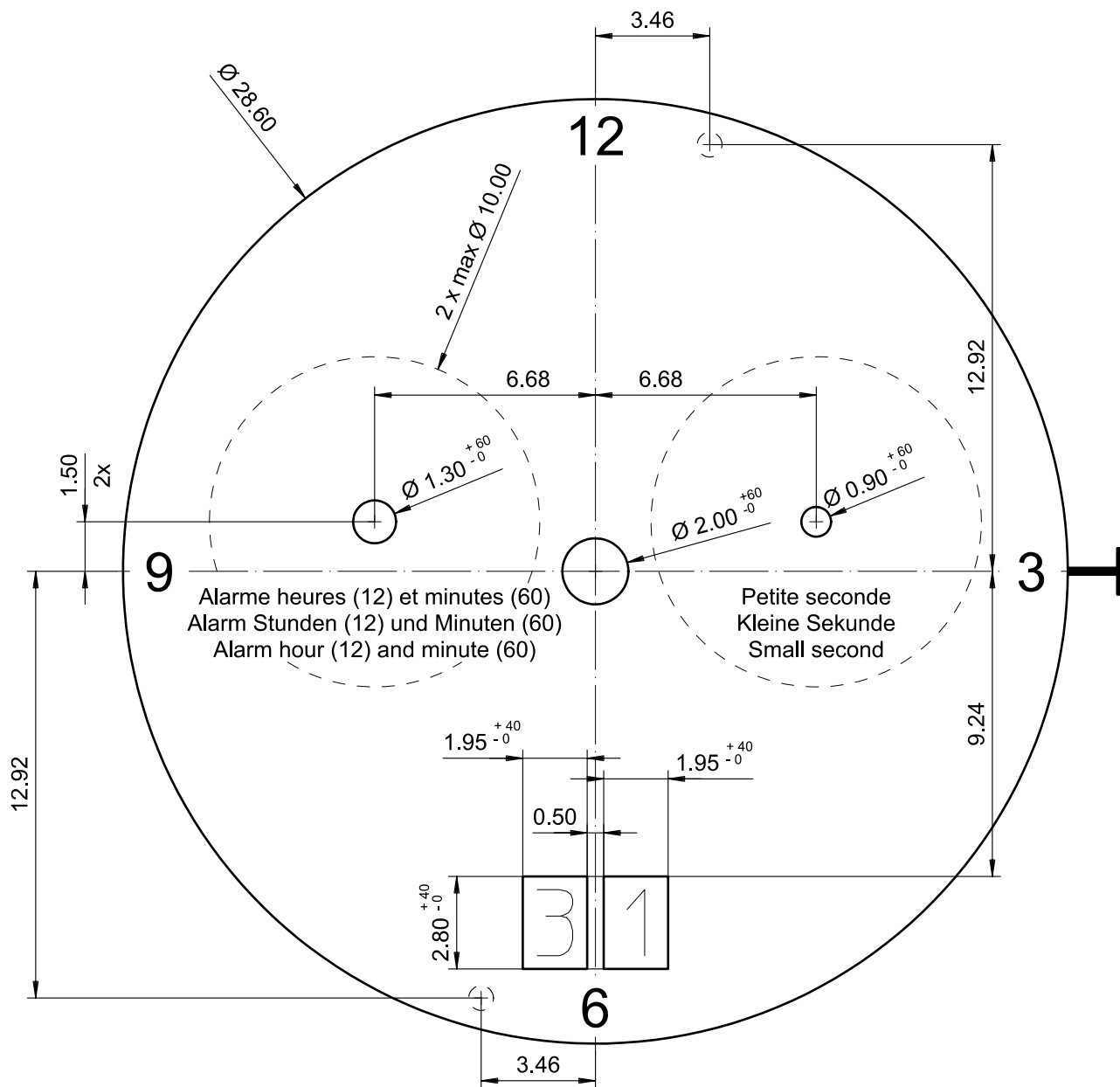


Angle des poussoirs A et B
Winkel der Drücker A und B
Angle of pusher A and B

RONDA

4xxx.x, 5xxx.x

Issued	06 Sep 2004	mk
Modified	30.März 2005 ÄA 1784	mk
Released	YES	
Tolerance	+/- 20 µm	
Scale	10 : 1 (5 : 1) (A3H)	
Sous réserve de modifications Äenderungen vorbehalten Modifications reserved		
No.	5000.345	01



Epaisseur du cadran selon hauteur de l'aiguillage
Zifferblattdicke gemäss Zeigerwerkhöhen
Dial thickness according to hand fitting heights

Tige	Date
Stellw.	Datum
Stem	Date
3H	6H

Cadran
Zifferblatt
Dial

12 1/2"

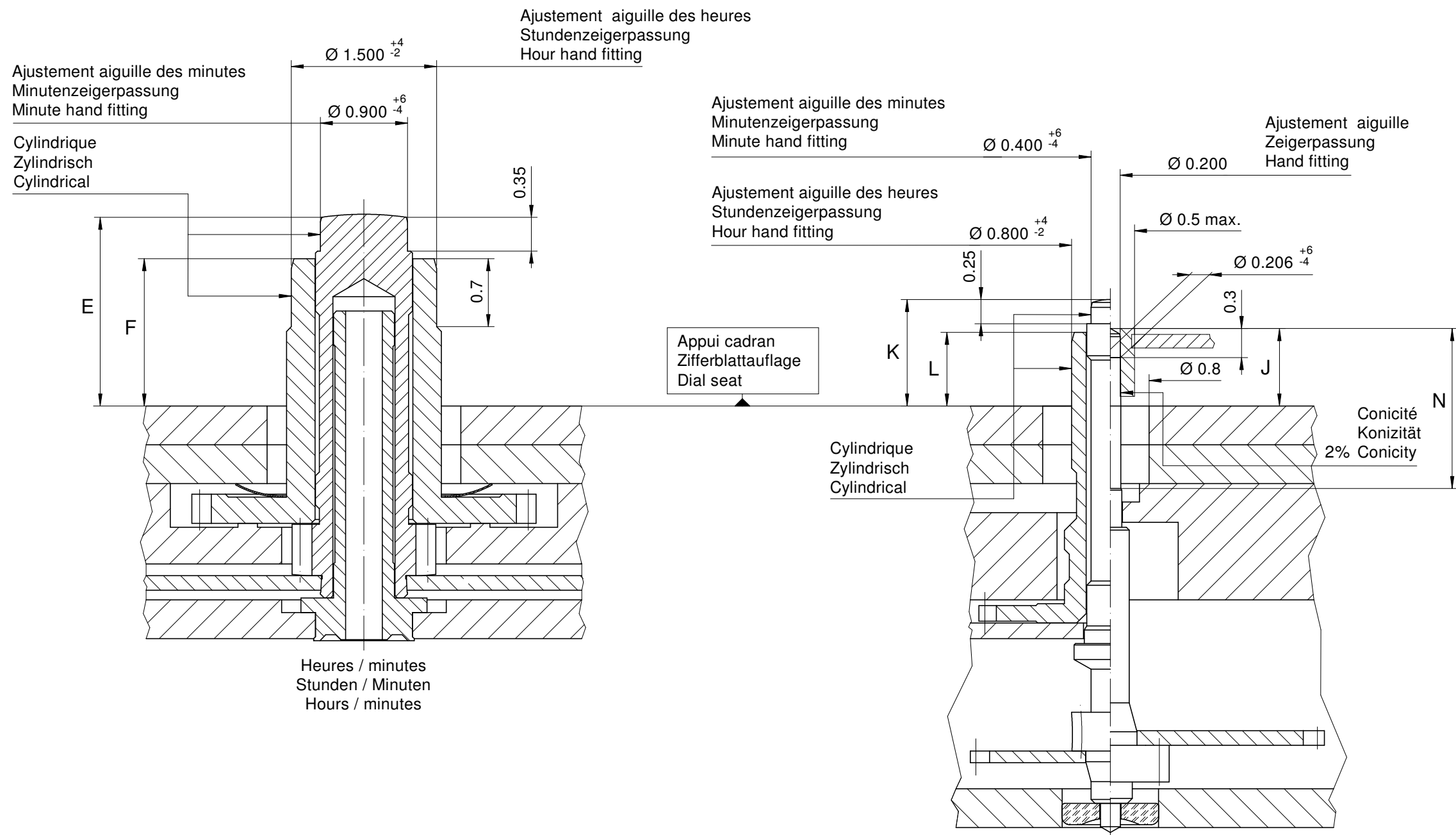
Issued	13 Dez 2006	cw
Modified	15.Dez.2006 ÄÄ ----	cm
Released	YES	
Tolerance	+/- 20 µm	
Scale	5 : 1 (A4V)	

RONDA

4120.B

Sous réserve de modifications
Änderungen vorbehalten
Modifications reserved

No. 5010.695 02



Aiguillages Zeigerwerkhöhe Hand fitting height						
Dépassement Höhe über Zifferblattaufage Height over dial seat						
No	Chaussée Minutenrohr Cannon-pinion	Roue des heures Stundenrad Hour wheel	Compteur 2 aig. 2 Zeiger Zähler 2 Hand counter		Roue des heures Stundenrad Hour wheel	Petite seconde Kleine Sekunde Small second
2	1.95	1.52	1.65	1.10	0.76	0.80
-						

Aiguillages Zeigerwerkhöhe Hand fitting height						
Peinture comprise / inkl. Farbe / Paint included						
Epaisseur maximum du cadran Maximale Zifferblattdicke Maximum dial thickness						
No	Sous l'aiguille des minutes Unter Minutenzeiger Under minute hand	Sous l'aiguille des heures Unter Stundenzeiger Under hour hand	Compteur 2 aig. 2 Zeiger Zähler 2 Hand counter		Sous l'aiguille de petite seconde Unter kleine Sekundenzeiger Under small second hand	Epaisseur des aiguilles Zeigerdicke Hands thickness
2	1.50	1.10	0.70	0.40	0.40	0.15
-						

		Aig. des minutes Minutenzeiger Minute hand	Aig. des heures Stundenzeiger Hour hand	Compteur 2 aiguille 2 Zeiger Zähler 2 Hand counter		Aig. petite secondes Kleine Sekundenzeiger Small second hand	Lors de la pose d'aiguilles, le mouvement doit être soutenu. Beim Zeigersetzen muss das Werk abgestützt werden. The movement needs to be supported for hand setting.
		Aig. des minutes Minutenzeiger Minute hand	Aig. des heures Stundenzeiger Hour hand	Aig. des minutes Minutenzeiger Minute hand	Aig. des heures Stundenzeiger Hour hand	Aig. petite secondes Kleine Sekundenzeiger Small second hand	
mg	max.	30	30	10	10	10	Masse / Masse / Weight *
µNm	max.	0.80	0.80	0.03	0.03	0.07	Balourd / Unwucht / Unbalance *
gmm ²	max.	-	-	1.0	-	0.4	Inertie / Massenträgheit / Inertia *
N	max.	40	40	30	30	30	Force de chassage / Aufpresskraft / Force

Aiguillages Zeigerwerkhöhe 12½" Hand fitting heights		Issued	14 Nov 2003	mk
		Modified	15 Okt 2014 ÄÄ 13275	dh
		Released	Yes	
		Tolerance	µm	
		Scale	20 : 1 (A3H)	
RONDA 4120.B, 4220.B		Sous réserve de modifications Änderungen vorbehalten Modifications reserved		
		No.	3316.083	04

* En cas de données différentes, veuillez contacter le service après-vente

* Bei abweichenden Werten, bitte technischen Kundendienst anfragen

* In case of different values, please contact the customer service



Tige de travail (intégrée dans le mouvement)
Arbeitsstellwelle (im Werk eingebaut)
Working stem (implemented in the movement)

No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.177.CO	20.00	10.23	24.23	10.15	0.90	1.10



Couleur de la couronne Kronenfarbe Crown color	bleu foncé dunkelblau dark blue
Code	UN 5002

Tige (normale) / Stellwelle (normal) / Stem (normal)

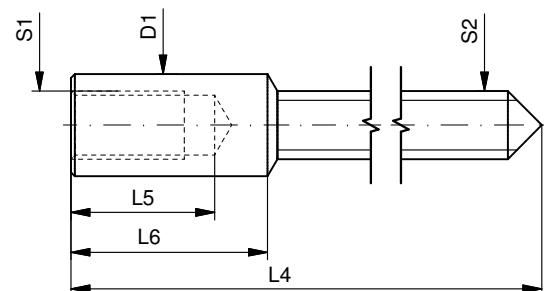
No. d'article Artikelnummer Part number	L	L1	L2	L3	S	D
3000.177	20.00	10.23	24.23	10.15	0.90	1.10
3000.191	32.00	22.23	36.23	22.15	0.90	1.10



Couronne vissée Geschraubte Krone Screwed crown	
Force ⇄ min. Kraft ⇄ min. Force ⇄ min.	10 N
Force ⇄ max. Kraft ⇄ max. Force ⇄ max.	15 N

Rallonge de tige / Stellwelle Verlängerung / Stem extension

No. d'article Artikelnummer Part number	L4	L5 (min)	L6	S1	S2	D1
3000.040	12.00	1.90	2.60	0.90	0.90	1.35



Tige (dimensions / forces)
Stellwelle (Dimensionen / Kräfte)
Stem (dimensions / forces)

RONDA

4002.B, 4003.B, 4120.B,
4210.B, 4220.B

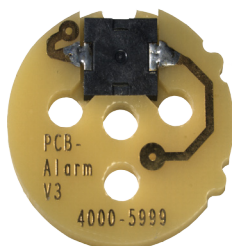
Issued	05 Sep 2012	ds5222
Modified	17 Mär 2017 ÄA 34582	mg5224
Released	YES	
Tolerance	---	
Scale	10:1 (A3)	
Sous réserve de modifications Äenderungen vorbehalten Modifications reserved		
No.	5030.018	02



Movement holder
Removing setting stem
H5XXX.1T



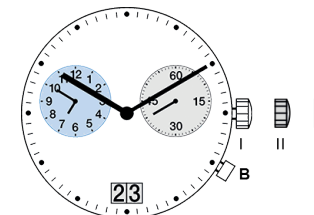
Movement holder
Setting hands
H5XXX.1A4



PCB-Alarm
Installing Piezo function for
H5XXX.1A4
H5XXX.1P

Fitting dial and hands

- Crown in position II
- Wind crown, until date 02 appears
- Crown in position III
- Wind hour hand forwards, until date changes to 03
- Remove working hand
- Fit dial
- Point all hands towards 12 o'clock
- Set time
- Set alarm reference time**
- Crown in position II
- Set date
- Crown in position I



Date switching duration:

First and tenth digit discs

~2hrs

**Setting alarm reference time

- Activate pusher B min. 2 secs (activating reference time mode)
- Synchronise reference time with actual time by pressing pusher B:
 - Short press (< 1 sec.) → +1 minute
 - Medium press (1-2 secs) → +1 hour
 - Long press (> 2 secs) → continuously

Details: See Instructions Manual

General Instructions

Removing the setting stem can only be effected in Pos. I.

The use of supporting screws is essential when mounting the hands.

Permitted hand setting strengths:

Hr / min. hands: <40N

Other hands: <30N

During quick date correction (setting stem in position II), a date switching speed of 5 d/s must not be exceeded.

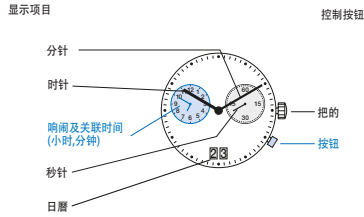
朗达 明星系列 - 机芯型号 4120.B

中文 使用手册

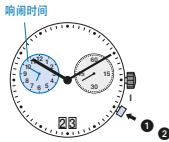
瑞士朗达是一个机芯供应商, 没有参与制造或分销成本.

若有任何手表相关之疑问, 如维修、保证期内投诉或手表功能问题, 请联络手表零售商、服务中心或制造商。所有联络资料可向您的销售员查询或参考保证文件。

显示和控制按钮描述



01



设定闹钟时间

- 启动设定模式
持续按下按钮最少2秒. 当细分钟前进一分钟, 设定模式便启动
- 设定
短按(小于1秒):
闹钟时间逐分钟前进
长按(多于2秒):
闹钟时间持续前进直至放开按钮

注意:
按钮放开超过10秒, 设定模式会自动关闭.
同一时间会发出2次响声, 以表示闹钟功能启动

05

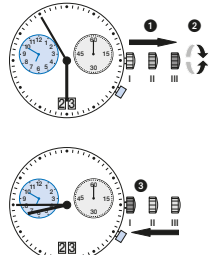


闹钟功能开启 / 关闭

- 按下按钮启动 / 关闭闹钟功能:
2次响声 → 闹钟功能启动
1次响声 → 闹钟功能关闭

注意:
闹钟设定的时间最多可以比要求的闹钟时间早12小时
当到达闹钟时间, 信号会持续20秒.
2分钟后信号会重复发出
当按下按钮后, 信号便会立刻停止.

06

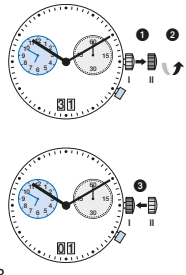


设定时间

- * 把的拉至位置III
(腕表停止运行).
- 转动把的至正确时间 8:45.
- * 推把的回位置 I

注意:
为了设定准确的秒数, 当秒针指向 «60». 拉把的设定至小时及分钟后, 必须在正确的秒数将把的推回位置 I

02

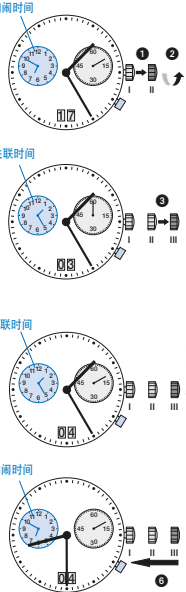


设定日期 (快速模式)

- 把的拉至位置II
(腕表仍然运行)
- 转动把的至正确日期 01
- 推把的回位置 I

注意:
9:00PM至12:00PM为日历转换时段, 若在这时段内设定日期, 必须比正确日期多转一天
过快转换日期可能引致日期显示错误. 转换日期由01至31(位置II)可以使日期再次同步

03



设定时间及日期

- 例子:
- 闹钟的日期及时间 01/12 1:25 AM
- 现时的日期及时间 08/08 8:30 PM
- 把的拉至位置III(腕表仍然运行)
 - 转动把的至昨天的日期 08

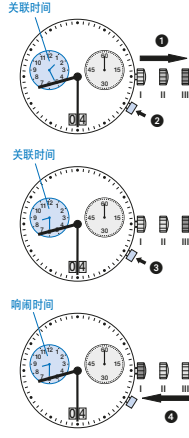
- 把的拉至位置III
(腕表停止运行. 会由显示闹钟时间转为关联时间)

- 转动把的至正确日期 08
- 转动把的至现时的时间 8:30PM
- 推把的回位置 I
(会由显示关联时间转为闹钟时间)

注意:
设定时间后必须更正相同的关联时间
(请看章节标题 << 设定关联时间 >>)

* 请注意AM/PM时间

04



设定关联时间

- * 把的拉至位置III
(秒针表停止运行. (秒针表停止运行. 显示会由闹钟时间转为关联时间))
- 启动调校模式
按下按钮最少2秒. 当细分钟前进一分钟, 表示调校模式已启动.
- 短按(小于1秒):
关联时间逐分钟前进
中按(秒2秒):
关联时间前进1小时
长按(多于2秒):
关联时间持续前进直至放开按钮

- * 推把的回位置 I
(显示会由关联时间转为闹钟时间)
会有闹钟功能关闭信号发出

注意:
关联时间必须要与实际时间同步, 意思是如果要重设实际时间必须要同时设定关联时间, 然后才去设定闹钟时间.

什么是关联时间?

时针及分针是显示现在的时间

同时地关联时间是在背后运作; 闹钟时间是参考关联时间, 所以设定时间后必须更正相同的关联时间

如果关联时间与现在时间不同步, 闹钟信号便不会在设定的闹钟时间发出

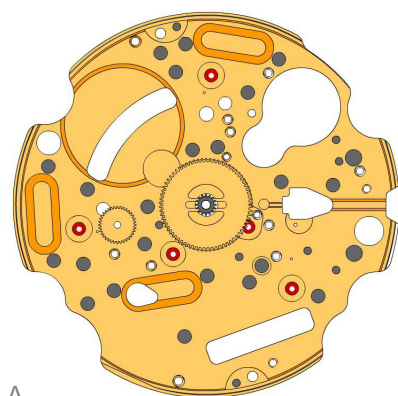
07



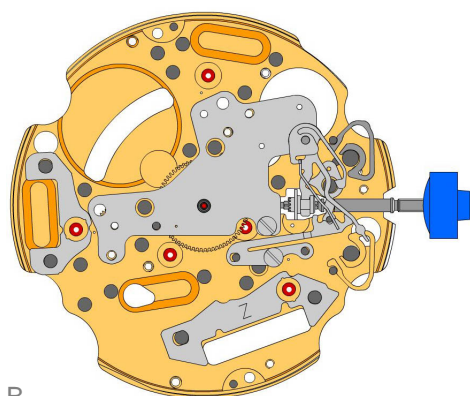
电池种类: 395 (直径 9.5mm x 2.6mm / SR 927 SW)
误差规格: +20 / -10 秒 (每月)

06/2014

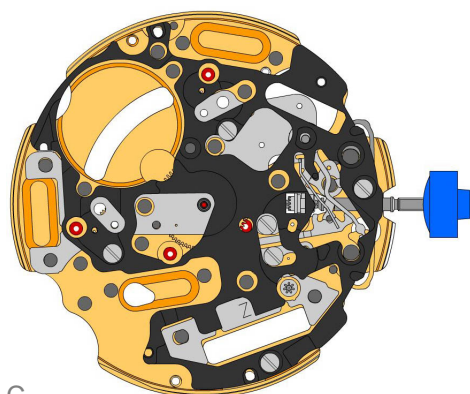







A



















B

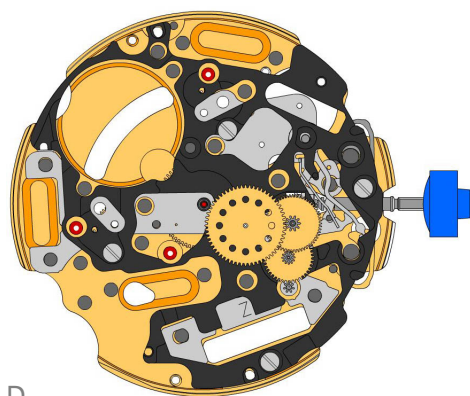


C

2000.574.G 1.		Main plate
3305.290.CO 2.		Cannon pinion with driver (Aig.2, closed)
3301.243 3.		Hour wheel (counter 24h)

2030.017.CO 4.		Centre bridge Center bridge held by 1 screw 4000.250. Parts 2030.017.CO, 3004.223 and 3500.059 must be exchanged together.
4000.250 5.		Screw
3001.055.FI 6.		Sliding pinion
3000.177.CO 7.		Setting stem
3017.049 8.		Setting lever
3905.049 9.		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.250.
4000.250 10.		Screw
3015.081 11.		Yoke (3 positions) Parts 3015.081 and 3905.067 must be exchanged together.
3905.067 12.		Yoke spring Tensioning the spring arm. Parts 3015.081 and 3905.067 must be exchanged together.
3406.030 13.		Pusher jumper B Put the grey jumper between the two posts on the further side.
3406.038 14.		Pusher jumper A Put the yellow jumper between the two posts on the closer side.
3622.040 15.		Stator Mark [Z] on stator.
3622.039 16.		Stator (counter 6h, 9h, chrono)

3603.079 17.		Plastic bracket Plastic bracket held by 4 screws 4000.250.
4000.250 18.		Screw
3715.094.RK 19.		Rotor

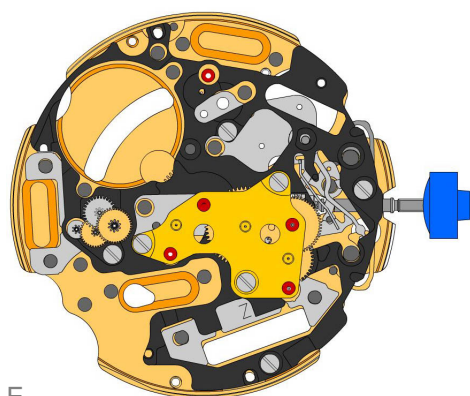


D


3147.046.CO
20.  Intermediate wheel

3136.142.CO
21.  Second wheel (long)

3122.056.CO
22.  Third wheel




E


2020.148.G
23.  Train wheel bridge
Train wheel bridge held by 3 screws 4000.250.

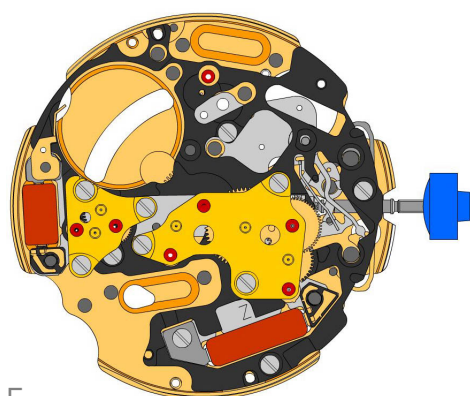
4000.250
24.  Screw

3715.095.RK
25.  Rotor


3147.048.CO
26.  Intermediate wheel (counter)

3007.055.CO
27.  Minute wheel (counter 24h)


3402.007.CO
28.  Minute counting wheel (24h)




F

2020.149.G
29.  Counter train wheel bridge
Counter train wheel bridge held by 3 screws 4000.250.

4000.250
30.  Screw

3621.053.RK
31.  Coil
Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.

3621.054.RK
32.  Coil (counter 9h, chrono)
Attention: Please hold the coil only on the grey coil core.

4000.250
33.  Screw

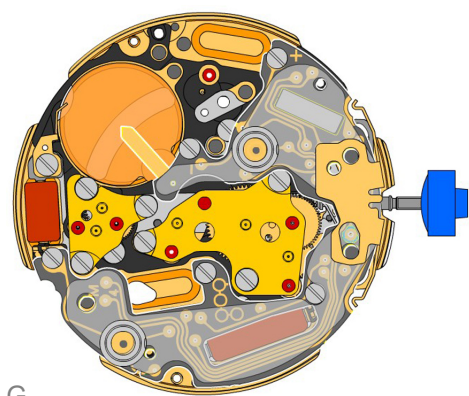
3601.118
34.  Contact strip
Contact strip held by 1 screw 4000.250.

4000.250
35.  Screw







3603.034
36.  Battery insulator

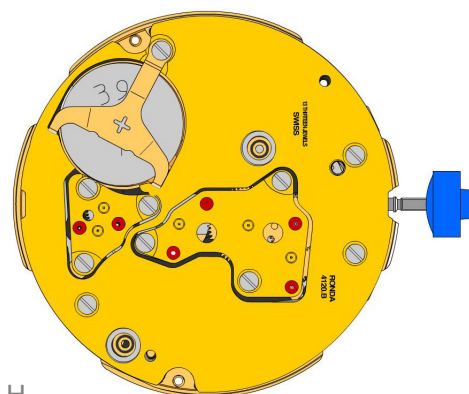
3503.054
37.  Tube

3503.054
38.  Tube







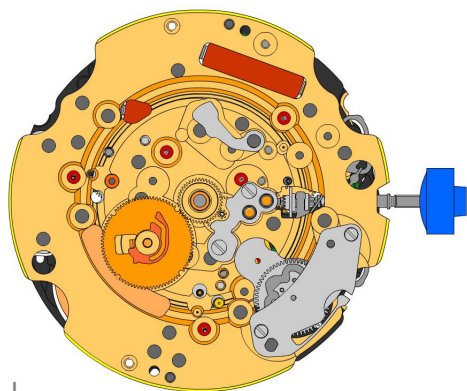
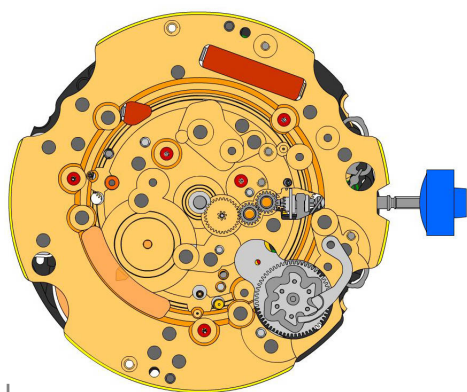
G















3612.176.4120 39.		Electronic module Electronic module held by 5 screws 4000.248. Electronic measurements may be realised now.
4000.248 40.		Screw
3603.069 41.		Circuit insulator
3603.070 42.		Contact insulator
3603.070 43.		Contact insulator
3601.107.G 44.		Pusher contact spring

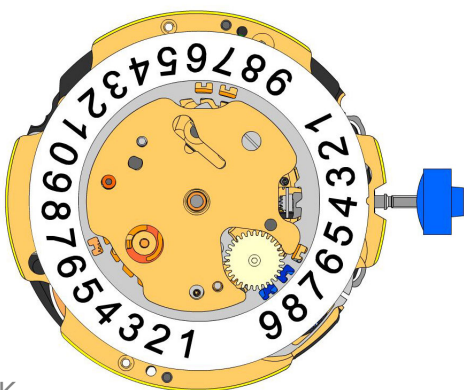


H

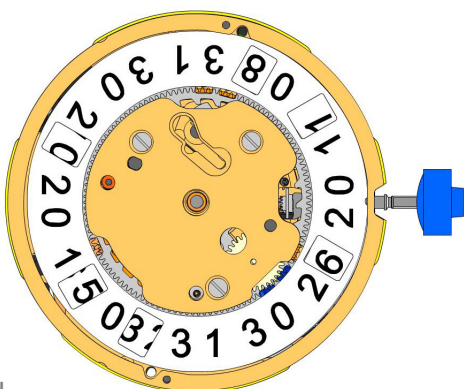
2130.160.G.M01.4120B 45.		Electronic module cover Electronic module held by 5 screws 4000.250.
3600.010.HGF 46.		Battery 395
3601.109.G 47.		Bridle + Bridle held by 1 screw 4000. 250.
4000.250 48.		Screw



2000.574.G 49.		Main plate
3004.164 50.		Setting wheel
3004.164 51.		Setting wheel
3007.054.CO 52.		Minute wheel
2130.143 53.		Minute train bridge Minute train bridge held by 2 screws 4000.305.
4000.305 54.		Screw
3004.223 55.		Tens indicator driving wheel Parts 2030.017.CO, 3004.223 and 3500.059 must be exchanged together. The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.059 56.		Tens jumper Parts 2030.017.CO, 3004.223 and 3500.059 must be exchanged together.
2130.142 57.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.306. Tensioning the spring arm.
4010.306 58.		Screw
3301.242 59.		Hour wheel (Fig.2)
3315.016 60.		Friction spring
3004.224.CO 61.		Date indicator driving wheel
3500.049 62.		Date jumper



K



L

3504.214.AD.1.A
63. Units indicator (standard)
Nick of the indicator at 3 o'clock.



3147.054
64. Tens intermediate wheel



2130.141
65. Date indicator maintaining plate
Date indicator maintaining plate held by 1 screw 4000.250.



3905.070
66. Date jumper spring
Insert the date jumper spring in the provided opening.



3504.215.AD.1.A
67. Tens indicator (standard)
Nick of the indicator at 3 o'clock.



2130.140.G
68. Date mechanism maintaining plate
Date mechanism maintaining plate held by 2 screws 4000.250.



4000.250
69. Screw



3506.072.G
70. Dial support



8200
71. Moebius 8200



9014
72. Moebius 9014



124
73. Jismaa 124

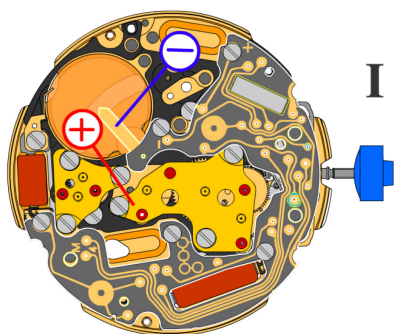


9020
74. Moebius 9020



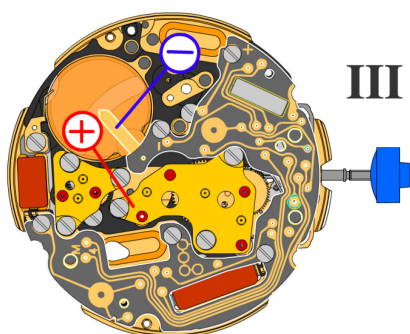


Battery	395
Voltage	1.55 V



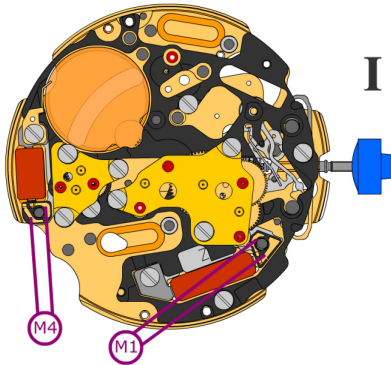
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

Typical consumption	1.42 μA
Maximal consumption	1.65 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V



Setting stem in position III, 60 s measuring interval:

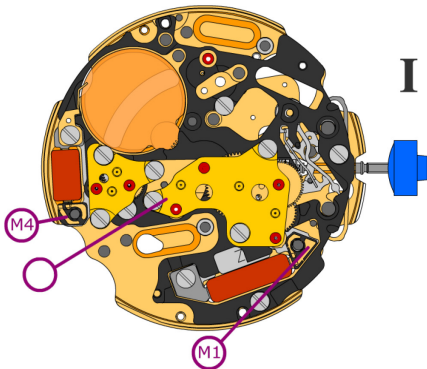
Typical consumption	0.10 μA
Maximal consumption	0.30 μA



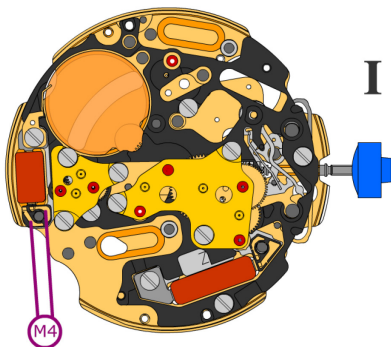
Coil resistance M1

1.90 k Ω .. 2.10 k Ω

Coil resistance M4

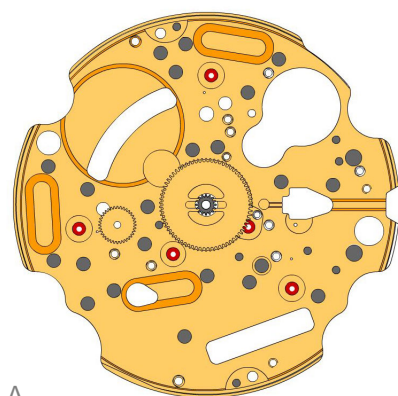
1.68 k Ω .. 1.88 k Ω


Coil isolation M1/M4

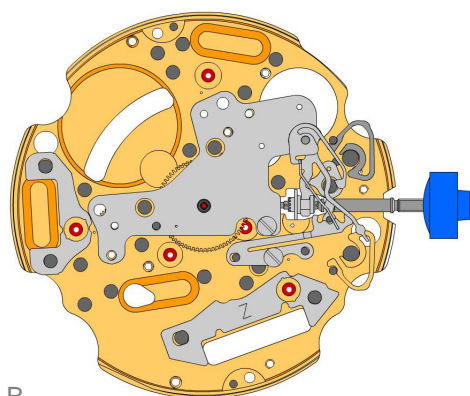
 ∞ k Ω

Signal generator (4.9 ms, 8 Hz):

Lower working voltage limit M4

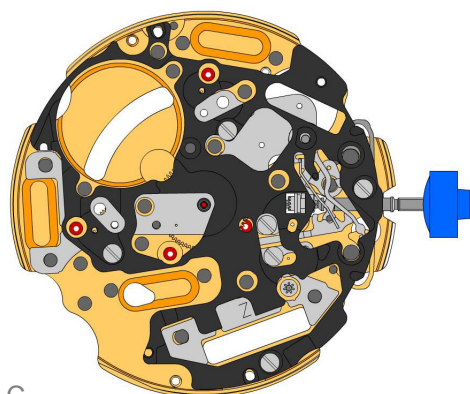
1.20 V






A



















B

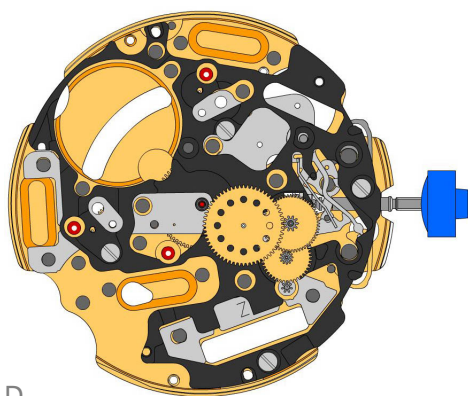


C

2000.574.G		Main plate
1.		
3305.290.CO		Cannon pinion with driver (Aig.2, closed)
2.		
3301.243		Hour wheel (counter 24h)
3.		

2030.024.CO		Centre bridge Center bridge held by 1 screw 4000.250.
4.		
4000.250		Screw
5.		
3001.055.FI		Sliding pinion
6.		
3000.177.CO		Setting stem
7.		
3017.049		Setting lever
8.		
3905.049		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.250.
9.		
4000.250		Screw
10.		
3015.081		Yoke (3 positions)
11.		
3905.067		Yoke spring Tensioning the spring arm.
12.		
3406.030		Pusher jumper B Put the grey jumper between the two posts on the further side.
13.		
3406.038		Pusher jumper A Put the yellow jumper between the two posts on the closer side.
14.		
3622.040		Stator Mark [Z] on stator.
15.		
3622.039		Stator (counter 6h, 9h, chrono)
16.		

3603.079		Plastic bracket Plastic bracket held by 4 screws 4000.250.
17.		
4000.250		Screw
18.		
3715.094.RK		Rotor
19.		

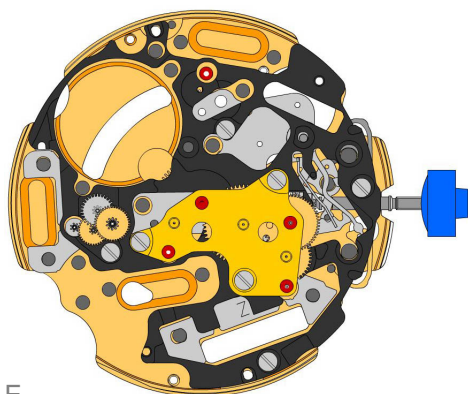


D


3147.046.CO
20.  Intermediate wheel

3136.142.CO
21.  Second wheel (long)

3122.056.CO
22.  Third wheel




E

2020.148.G
23.  Train wheel bridge
Train wheel bridge held by 3 screws 4000.250.

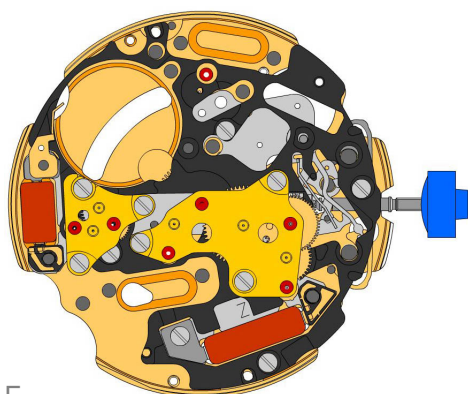
4000.250
24.  Screw

3715.095.RK
25.  Rotor


3147.048.CO
26.  Intermediate wheel (counter)

3007.055.CO
27.  Minute wheel (counter 24h)


3402.007.CO
28.  Minute counting wheel (24h)




F

2020.149.G
29.  Counter train wheel bridge
Counter train wheel bridge held by 3 screws 4000.250.

4000.250
30.  Screw

3621.053.RK
31.  Coil
Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.

3621.054.RK
32.  Coil (counter 9h, chrono)
Attention: Please hold the coil only on the grey coil core.

4000.250
33.  Screw

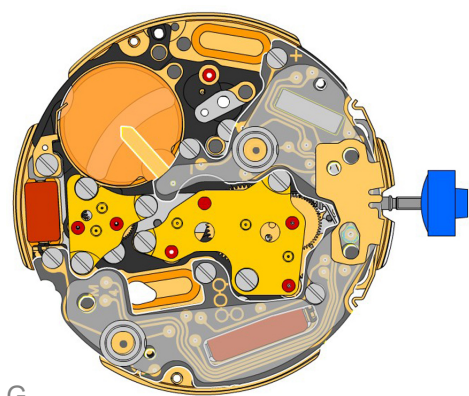
3601.118
34.  Contact strip
Contact strip held by 1 screw 4000.250.

4000.250
35.  Screw







3603.034
36.  Battery insulator

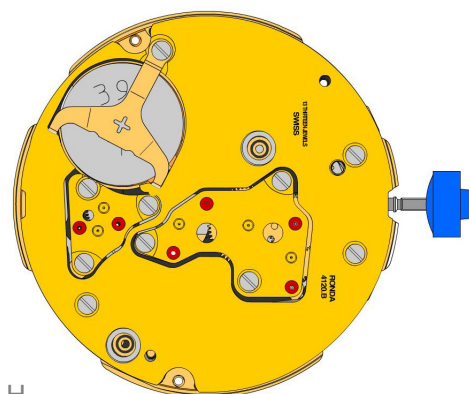
3503.054
37.  Tube

3503.054
38.  Tube







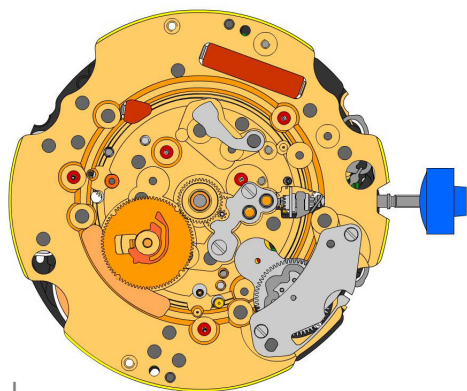
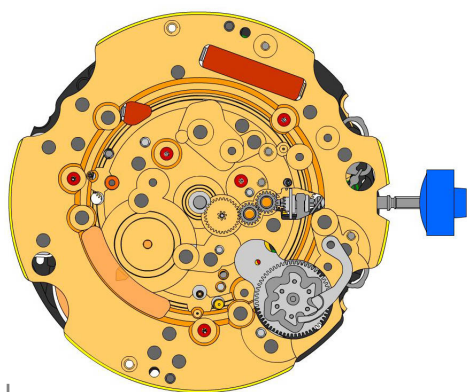
G










3612.176.4120 39.		Electronic module Electronic module held by 5 screws 4000.248. Electronic measurements may be realised now.
4000.248 40.		Screw
3603.069 41.		Circuit insulator
3603.070 42.		Contact insulator
3603.070 43.		Contact insulator
3601.107.G 44.		Pusher contact spring

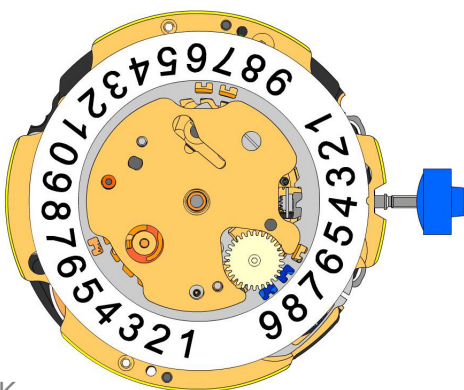


H

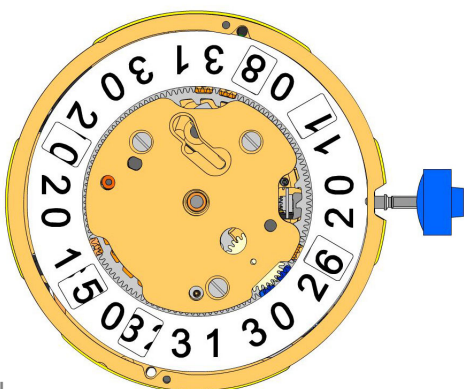
2130.160.G.M01.4120B 45.		Electronic module cover Electronic module held by 5 screws 4000.248.
3600.010.HGF 46.		Battery 395
3601.109.G 47.		Bridle + Bridle held by 1 screw 4000. 250.
4000.250 48.		Screw



2000.574.G 49.		Main plate
3004.164 50.		Setting wheel
3004.164 51.		Setting wheel
3007.054.CO 52.		Minute wheel
2130.143 53.		Minute train bridge Minute train bridge held by 2 screws 4000.250.
4000.305 54.		Screw
3004.227 55.		Tens indicator driving wheel The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.075 56.		Tens jumper
2130.142 57.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.306. Tensioning the spring arm.
4010.306 58.		Screw
3301.242 59.		Hour wheel (Aig.2)
3315.016 60.		Friction spring
3004.224.CO 61.		Date indicator driving wheel
3500.049 62.		Date jumper



K



L

3504.214.AD.1.A
63. Units indicator (standard)
Nick of the indicator at 3 o'clock.



3147.054
64. Tens intermediate wheel



2130.141
65. Date indicator maintaining plate
Date indicator maintaining plate held by 1 screw 4000.250.



3905.070
66. Date jumper spring
Insert the date jumper spring in the provided opening.



3504.215.AD.1.A
67. Tens indicator (standard)
Nick of the indicator at 3 o'clock.



2130.140.G
68. Date mechanism maintaining plate
Date mechanism maintaining plate held by 2 screws 4000.250.



4000.250
69. Screw



3506.072.G
70. Dial support



8200
71. Moebius 8200



9014
72. Moebius 9014



124
73. Jismaa 124

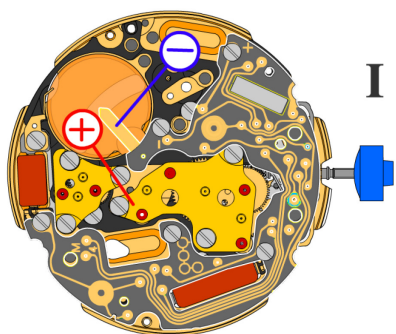


9020
74. Moebius 9020



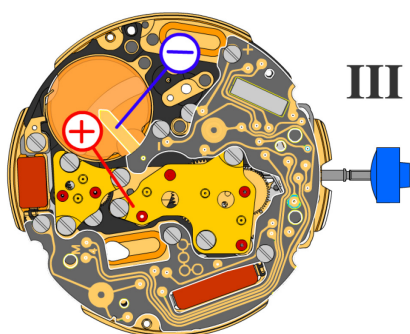


Battery	395
Voltage	1.55 V



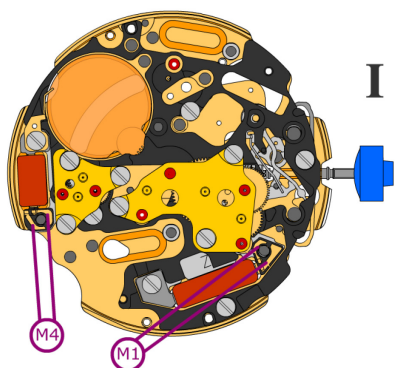
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

Typical consumption	1.42 μA
Maximal consumption	1.65 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V



Setting stem in position III, 60 s measuring interval:

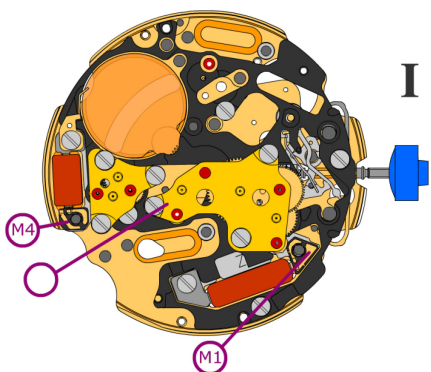
Typical consumption	0.10 μA
Maximal consumption	0.30 μA



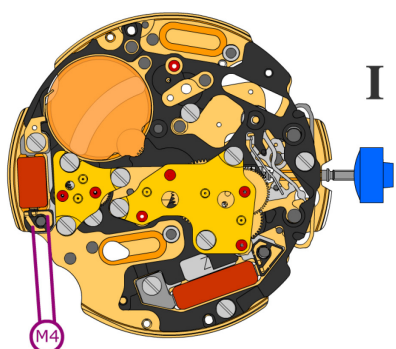
Coil resistance M1

1.90 k Ω .. 2.10 k Ω

Coil resistance M4

1.68 k Ω .. 1.88 k Ω


Coil isolation M1/M4

 ∞ k Ω

Signal generator (4.9 ms, 8 Hz):

Lower working voltage limit M4

1.20 V