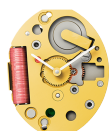


## Caliber 756 – 5½"



### Product Specifications

Analog quartz movement

|                              |                          |
|------------------------------|--------------------------|
| Line                         | normtech                 |
| Caliber                      | 756                      |
| Size                         | 5½"                      |
| Version Swiss Made           | 4 Jewels / gold plated   |
| Version Swiss Parts          | 1 Jewels / nickel plated |
| Standard battery life        | 7 Years                  |
| Standard hand fitting height | 1                        |

### Features

- Very long battery life
- Repairable metal watch movement
- Many high hand heights available
- Electronic Time Setting:<br>brief pressure up to two seconds - minute correction<br>medium pressure between two and four seconds - hour correction<br>Pressure more than four seconds - continuous correction until corrector is released

### Functions

- Electronic time setting
- 2 hands

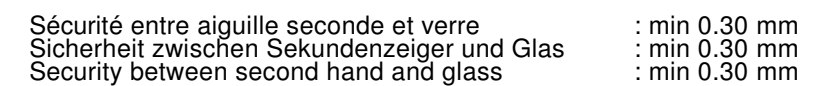
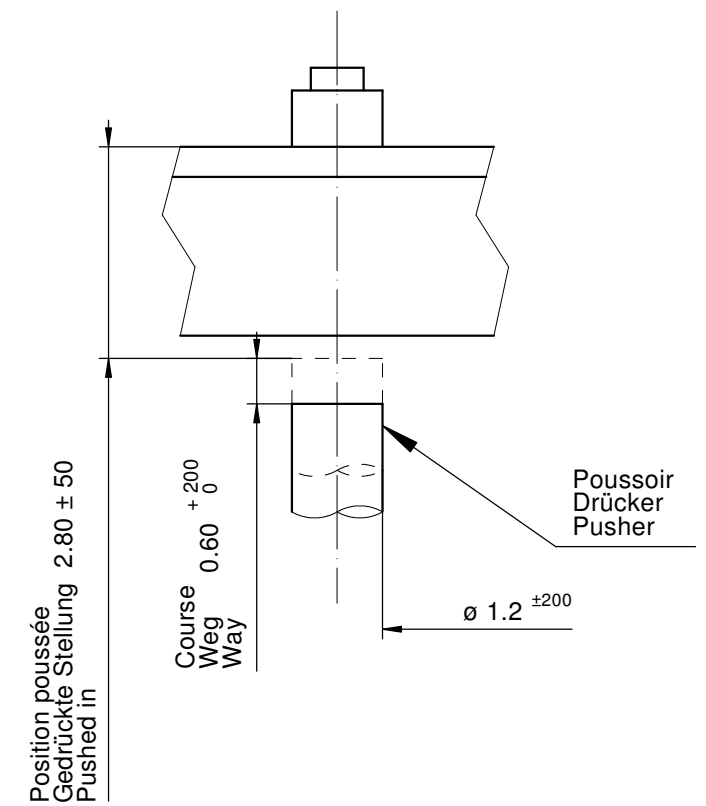
## Caliber 756 – 5½"

### Technical Specifications

|                                |                     |
|--------------------------------|---------------------|
| Diameter Total                 | 13.00 mm            |
| Case fitting                   | 13.00 mm            |
| Movement height                | 3.10 mm             |
| Height over standard battery   | 3.10 mm             |
| Movement rest                  | 0.40 mm             |
| Height over stem               | 0.00 mm             |
| Length of stem travel          | 0.00 mm             |
| Stem thread                    | 0.00 mm             |
| Useful torque minute – typical | 30 µNm              |
| Operating temperature          | 0 - 50 °C           |
| Instantaneous rate             | -10 / +20 sec/month |
| Resistance to magnetic fields  | 18.8 Oe             |
| Resistance against shock       | NIHS 91-10          |

### Battery Specifications

|                               |         |
|-------------------------------|---------|
| Standard battery              | No. 379 |
| Standard battery life         | 7 Years |
| Battery voltage               | 1.5 V   |
| Current consumption – typical | 0.34 µA |
| Current consumption – maximum | 0.4 µA  |

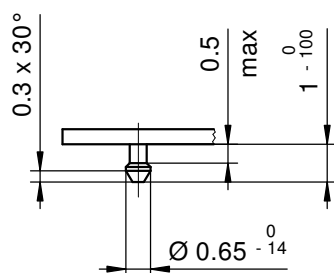
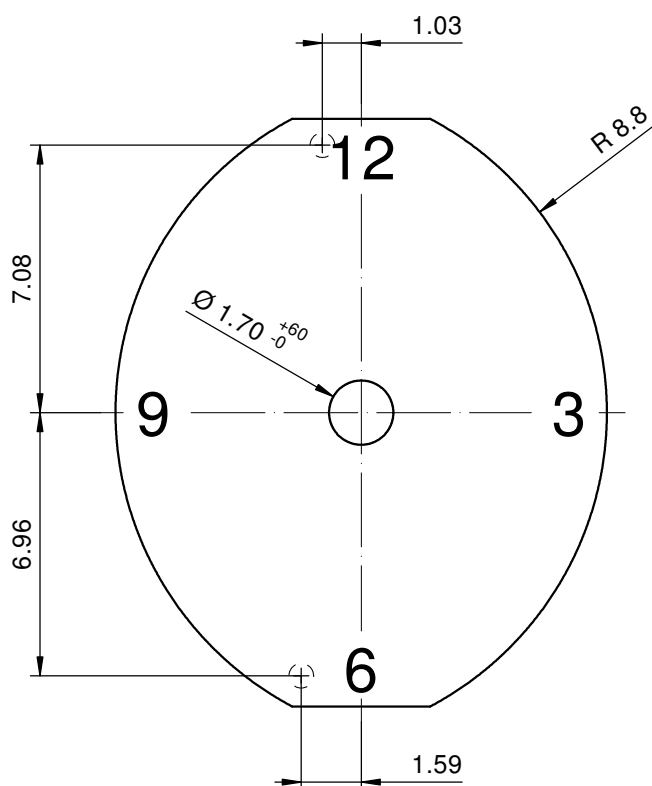


Le cadran doit être maintenu en hauteur par la boîte.  
Das Zifferblatt muss in der Höhe vom Gehäuse festgehalten werden.  
The dial must be held in the height by the case.

Cage  
Uhrwerkgestell 5½"  
Frame

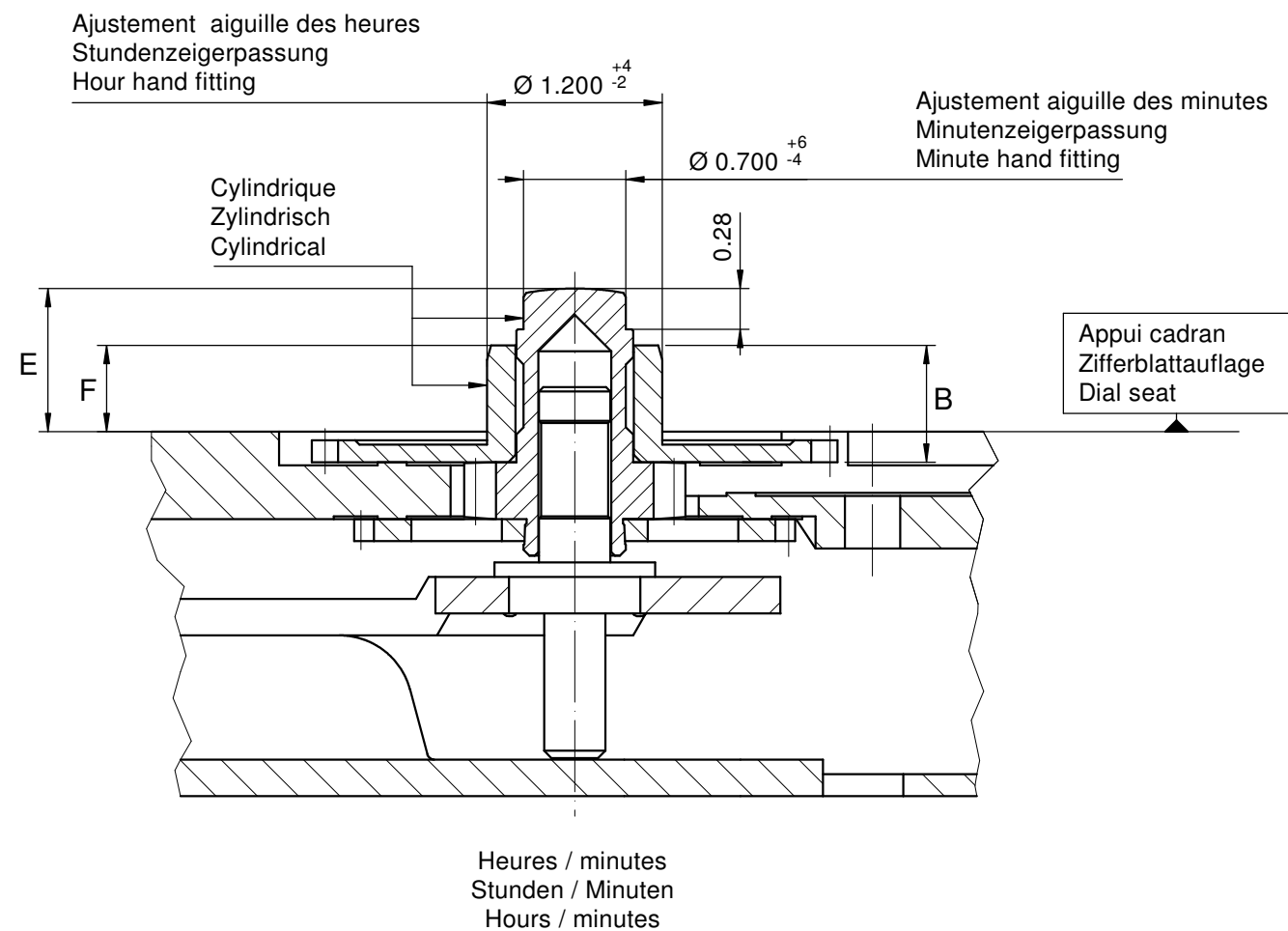
|       |     |
|-------|-----|
| RONDA | 756 |
|-------|-----|

|   |            |             |
|---|------------|-------------|
| Issued  | 25.08.2014 | mk          |
| Modified  | 11.05.2017 | dh          |
| Released  | YES        |             |
| Mod. No.  | 13573      |             |
| Tolerance   | ±20 µm     |             |
| Scale   | 10 : 1     | Page 1/1 A3 |
| <p>Sous réserve de modifications<br/> Aenderungen vorbehalten<br/> Modifications reserved</p> |            |             |
| No.   | 5000.429   | 01          |



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

|                                   |     |   |                         |    |
|-----------------------------------|-----|---|-------------------------|----|
| Cadran<br>Zifferblatt 5½"<br>Dial |     | Issued  | 06 Jan 2016             | dh |
|                                   |     | Modified  | 17 Okt 2016<br>ÄA 13573 | dh |
|                                   |     | Released  | YES                     |    |
|                                   |     | Tolerance   | +/- 20 µm               |    |
|                                   |     | Scale   | 5 : 1 (A4V)             |    |
| RONDA                             | 756 | Sous réserve de modifications<br>Änderungen vorbehalten<br>Modifications reserved |                         |    |
|                                   |     | No.   | 5010.798                | 01 |



| Aiguillage no<br>Zeigerwerkhöhe Nr.<br>Hand fitting height No | Dépassement<br>Höhe über Zifferblattaufage<br>Height over dial seat |   |  | Longueur<br>Länge<br>Length                 |  | Epaisseur max. (peinture comprise)<br>Max. Dicke (inkl. Farbe)<br>Max. thickness (paint included) |  |  |                              |
|---|---|---|--|---|--|---|--|--|------------------------------|
|   | Chaussée<br>Minutenrohr<br>Cannon-pinion                            | Roue des heures<br>Stundenrad<br>Hour wheel |  | Roue des heures<br>Stundenrad<br>Hour wheel |  | Cadran<br>Zifferblatt<br>Dial   |  |  | Aiguilles<br>Zeiger<br>Hands |
|   |   |   |  |   |  | Sous l'aiguille des minutes<br>Unter Minutenzeiger<br>Under minute hand                           | Sous l'aiguille des heures<br>Unter Stundenzeiger<br>Under hour hand |  |                              |
|   | E   | F   |  | B   |  |   |  |  |                              |
| 0   | 0.95  | 0.60  |  | 0.80  |  | 0.50  | 0.30   |  | 0.15                         |
| 1   | 1.10  | 0.75  |  | 0.95  |  | 0.65  | 0.40   |  | 0.15                         |
| 2   | 1.30  | 0.95  |  | 1.15  |  | 0.85  | 0.60   |  | 0.15                         |
| 3   | 1.80  | 1.35  |  | 1.57  |  | 1.35  | 1.00   |  | 0.15                         |
| 4   | 2.70  | 2.35  |  | 2.55  |  | 2.25  | 2.00   |  | 0.15                         |
| 5   | 3.30  | 2.95  |  | 3.15  |  | 2.85  | 2.60   |  | 0.15                         |

|                  |      | Aig. des minutes<br>Minutenzeiger<br>Minute hand | Aig. des heures<br>Stundenzeiger<br>Hour hand | Lors de la pose d'aiguilles, le mouvement doit être soutenu.<br>Beim Zeigersetzen muss das Werk abgestützt werden.<br>The movement needs to be supported for hand setting. |
|------------------|------|--|---|--|
| mg               | max. | 30   | 30  | Masse / Masse / Weight *   |
| µNm              | max. | 0.14   | 0.14  | Balourd / Unwucht / Unbalance *  |
| gmm <sup>2</sup> | max. | -  | -   | Inertie / Massenträgheit / Inertia *   |
| N                | max. | 40   | 40  | Force de chassage / Aufpresskraft / Force  |

## Aiguillages Zeigerwerkhöhen 5½", 6¾ x 8" Hand fitting heights

RONDA

751, 756, 762, 762E

|   |                         |    |
|---|-------------------------|----|
| Issued  | 18 Feb 2001             | mk |
| Modified  | 06 Jan 2016<br>ÄA 13573 | dh |
| Released  | Yes                     |    |
| Tolerance   | µm                      |    |
| Scale   | 20 : 1 (A3H)            |    |
| Sous réserve de modifications<br>Änderungen vorbehalten<br>Modifications reserved |                         |    |
| No.   | 3316.002                | 20 |

# User's Manual English

## Movement Caliber

### RONDA normtech

– 756

You have decided to buy a watch, which was assembled by a watchmaker using a Ronda movement. Please note that no watches are produced or distributed under the Ronda brand.

In case of repairs, guarantee claims and questions concerning the functioning of a watch, purchasers and consumers should contact their retailer or the watch manufacturer, for which the relevant information can be found in the sales or guarantee documentation provided with the watch.



**ETS**

**Cal. 756**

#### **ETS – Electronic time setting on case back**

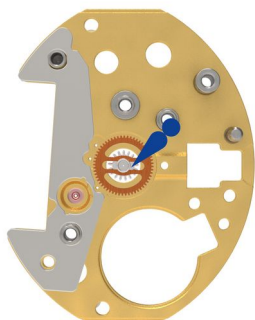
1. brief pressure up to two seconds: minute correction
2. medium pressure between two and four seconds: hour correction
3. Pressure more than four seconds: continuous correction until corrector is released



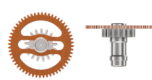

#### **Cal. 756**

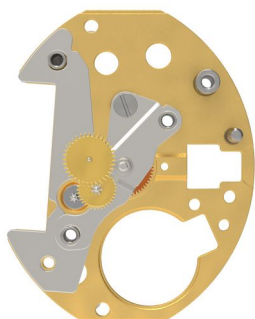
Battery type: 379/SR521SW




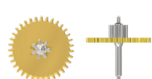
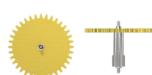
Precision: +20/-10 seconds per month

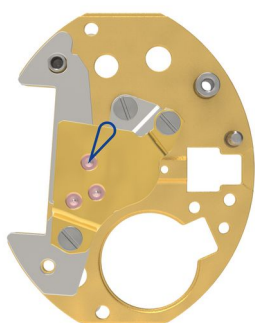








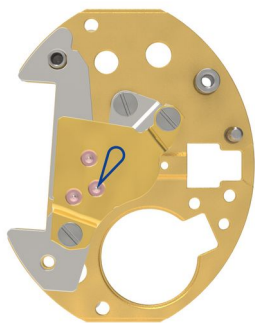
- |   |   |                  |                      |
|---|---|------------------|----------------------|
| 1 |  | 2000.365.SM.G.LC | Main plate           |
| 2 |  | 3622.018         | Stator               |
| 3 |  | 3305.174.CO      | Cannon pinion (Aig.) |
| 4 |  | J124             | Jismaa 124           |



- |   |   |             |                    |
|---|---|-------------|--------------------|
| 5 |    | 2020.104.CO | Center bridge      |
| 6 |    | 4000.141    | Screw              |
| 7 |   | 3715.100.RK | Rotor              |
| 8 |  | 3147.020.CO | Intermediate wheel |
| 9 |  | 3122.045.CO | Third wheel        |



- |    |   |                |                    |
|----|---|----------------|--------------------|
| 10 |  | 2020.116.G.M25 | Train wheel bridge |
| 11 |  | 4000.141       | Screw              |
| 12 |  | 4000.141       | Screw              |
| 13 |  | 9014           | Moebius 9014       |

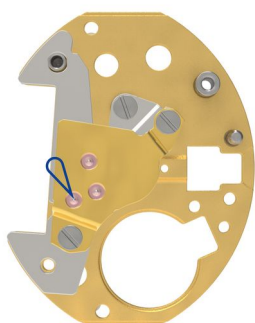


14



9014

Moebius 9014



15



9014

Moebius 9014



16



3621.061.RK

Coil

Attention: Please hold the coil only on the grey coil core.

17



3601.039.G

Battery clamp (+)

18



4000.243

Screw

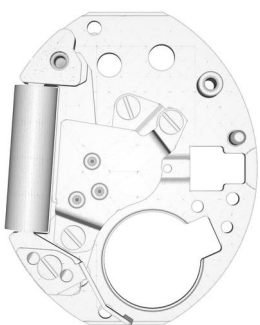


19

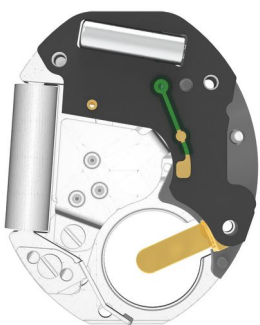


9014

Moebius 9014



20



21



3603.103

Insulator

22



3601.047

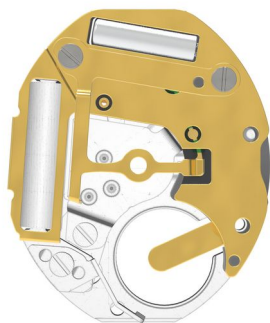
Contact strip (-)





23






3612.252

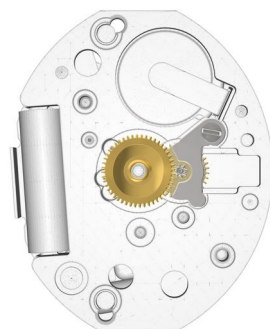
Electronic module

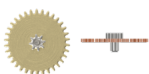






- |    |   |                |                           |
|----|---|----------------|---------------------------|
| 24 |  | 2130.251.G.M01 | Module cover plate        |
| 25 |  | 3601.162.G     | Contact spring for pusher |
| 26 |  | 4000.343       | Screw                     |
| 27 |  | 4000.343       | Screw                     |

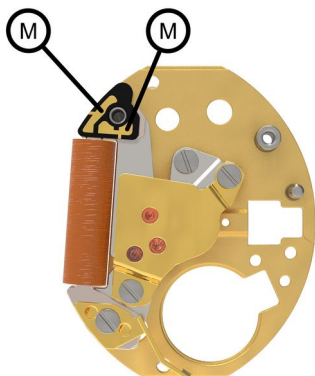


- |    |  |              |                             |
|----|--|--------------|-----------------------------|
| 28 |   | 3600.018.HGF | Battery 379 (Ø 5.80 x 2.15) |
| 29 |   | 3601.171.G   | Battery clamp               |
| 30 |  | 4000.375     | Screw                       |

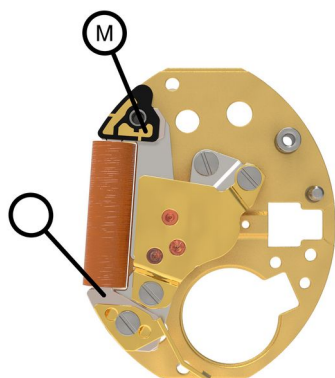


- |    |   |             |                   |
|----|---|-------------|-------------------|
| 31 |  | 3007.052.CO | Minute wheel      |
| 32 |  | 2130.041    | Plate             |
| 33 |  | 4000.169    | Screw             |
| 34 |  | 3301.133.TA | Hour wheel (Aig.) |
| 35 |  | 3315.001    | Friction spring   |

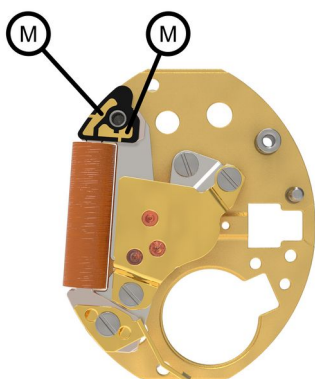
## Measurement



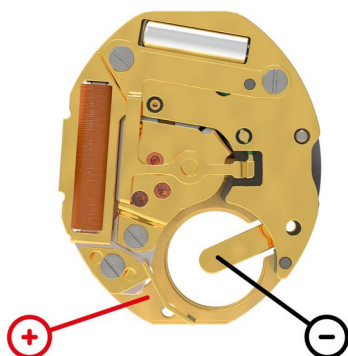
Signal generator (4.9ms, 8Hz)  
< 1.20 V



Coil insulation  
infinite



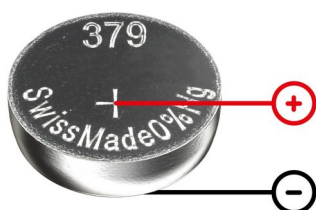
Coil resistance movement  
(min./max) 1425 - 1575 Ohm



60s measuring interval  
(typ./max.) 0.34 / 0.40  $\mu$ A

60s measuring interval  
-10 .. +20s/mth

Lower working voltage limit  
<1.20 V



Voltage  
typ. 1.5 V