Cal. 9100

AUTOMATIC & MANUAL WINDING MOVEMENT WITH MULTIFUNCTION

Basic specification

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Ligne</td>
<td>13-1/2''</td>
</tr>
<tr>
<td>Overall diameter</td>
<td>Φ30.2mm</td>
</tr>
<tr>
<td>Case fitting diameter</td>
<td>Φ25.6mm</td>
</tr>
<tr>
<td>Total height</td>
<td>5.52mm</td>
</tr>
<tr>
<td>Vibration frequency</td>
<td>28800 vibrations per hour</td>
</tr>
<tr>
<td>Jewels</td>
<td>26 Jewels</td>
</tr>
</tbody>
</table>

Function

Automatic & manual winding
Display by means of hands: hour, minute, second.
Date calendar
Day / Month / 24Hours display by means of hands
Power reserve display
Stop second device
Shock-absorber device for balance staff

Technical characteristics

Balanceable weight of hands
- Second hand: Max. 0.60μN・m
- Minute hand: Max. 1.25μN・m
- Hour hand: Max. 1.50μN・m
- Small hand: Max. 0.04μN・m
- Power reserve hand: Max. 0.25μN・m

Hands fitting force
- Second hand: Max. 30N
- Minute hand: Max. 50N
- Hour hand: Max. 50N
- Small hand: Max. 30N
- Power reserve hand: Max. 30N

Lift angle
- 51°

Casing
- Non-corresponding to "Divers' watches" defined by ISO6425

Time performance

Accuracy
-10～30 seconds/day

Posture difference
Under 40 seconds/ day

Running time
More than 40 hours

※Accuracy of the mechanical watch is different from the daily rate of the quartz watch and the accuracy will change maximum of several ten seconds during rewinding the spring, then the accuracy of the half winding condition will be different from that of full winding condition.

Time performance measurement condition

Accuracy
Measure within lapse of 10～60 minutes from full winding.

Posture difference
Measure accuracy in 4 different postures shown on the right picture within lapse of 10～60 minutes from full winding.
※Direction of 4 postures: ①Date Dial side Up  ②6 o’clock side up  ③9 o’clock side up  ④3 o’clock side up

Running time
Measure the running time from full winding.
※The mainspring becomes fully winded by rotating the ratchet wheel 7.5 times (turning the crown 40 times).
Automatic winding structure

Winding direction: Clockwise (seeing from case back side)

Operating method

Winding the mainspring, adjusting the hand, month/day/date is done by the below procedure.

1) Winding the mainspring
Automatic winding watch can be also manual-winded by turning the crown in "A" position.
Wind 15 ~ 20 times clockwise until second hand starts to move naturally.

2) Adjusting Day
Adjust the day by rotating the crown counter-clockwise in "B" position.

3) Adjusting date
Adjust the date by rotating the crown clockwise in "B" position.

4) Adjusting time
Rotate the crown in "C" position and adjust the standard time.
Then check if it is morning or afternoon and adjust correctly.

5) Adjusting month
Push the button "D" and adjust the month.
※If the button is not pushed to the end, the month is not changed perfectly.

Separated parts

<table>
<thead>
<tr>
<th>Plastic movement holder</th>
<th>500-002 x 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winding stem</td>
<td>065-A05 x 1</td>
</tr>
</tbody>
</table>

These specifications might be changed without prior notice.

CITIZEN WATCH CO., LTD.