



## Miyota 5R22 Movement Parts (1)

*Compiled by EmmyWatch - <https://www.emmywatch.com>*

# MIYOTA

MOVEMENT SPECIFICATIONS

**CAL. 5R22 ANALOG QUARTZ MOV'T**

BY CITIZEN WATCH CO., LTD. JAPAN

**SUPER SMALL SIZE 3-3/4 Ligne Quartz, (0) JEWELS**

MANUFACTURED IN JAPAN



## 1. BASIC SPECIFICATION

(1) CAL. NO.

\*TO CONFIRM WITH MOV'T DRAWING ATTACHED

CALIBRE	<b>5R22</b>
Ligne	<b>3-3/4</b>
Size*mm	<b>9.0 × 13.2 × Φ 13.5mm</b>
Total height	<b>1.90mm</b>
Hands	<b>2 HANDS</b>
Battery life	<b>4 YEARS</b>
Battery	<b>SR416SW</b>

(2) Time standard

Type of quartz : Tuning fork type quartz crystal

Frequency : 32,768Hz

Accuracy : **+/-20 s/month** worn under normal circumstances

(3) Battery installed

Type of battery : Silver oxide SR416SW (JAPAN-MADE)

(4) Additional Mechanisms & Features:

**Second hand stopping at optional position**

**Power conservative switch**

(5) Balanceable weight of hands

5R22

Minute hand Maximum 0.15  $\mu$  N·m

Second hand

**2. SEPARATED PARTS**

	<b>5R22</b>
Setting stem	065-413
Length of movement center to stem end...	13.5mm
Thread.....	Φ0.7 x 9.0mm

**3. OTHERS**

**\* Measurement of time rate**

The unit time of measurement must be set at "10s", "20s", "30s" .....  
(not "15s", "25" .....)

And the measurement must be carried out in state of a complete watch.

**\* Marking on movement**

**MIYOTA CO.  
NO JEWEL  
5R22 JAPAN**

**\* Typical clearance**

Mov't - Caseback	min 150 μm or more
Top of hands - Glass	300 - 450 μm *

\* depending and subject to the glass and case structure, and length of hands

**\* 5R22 is only recommended to use for lady's size watch**

EMMYWATCH  
VINTAGE RESTORATIONS

**These specifications might be changed without prior notice.**