

# MIYOTA

2018-2019

METAL MOVEMENT MADE IN JAPAN

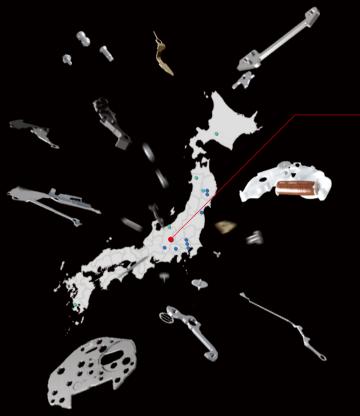
# Cal. 2035 "2035" the representative movement of MIYOTA. After the 2035 has appeared to the market, a lot of brands is using regularly all over the world. YOUR ENGINE

For nearly 40 years, MIYOTA has been providing watch movements for leading brands worldwide. MIYOTA's heritage dates back to 1959, when Citizen Watch established a movement-making factory in the town of Miyota, Japan, and traces back to an original spirit of excellence and innovation.

MIYOTA's name lives up to its pedigree, having manufactured its Cal. 2035 quartz movement since 1981. The Cal. 2035 has been known as one of the de facto standard watch movements in the industry. It is durable, repairable, and reliable. Through various improvements and refinements a variety of calibers were born based on the Cal. 2035 that are well known as the Cal. 2000 series and include the Cal. 2105 and Cal. 2115. This series has lasted for over 30 years, and continues to attract watch brands and manufacturers to this day.

## JAPAN MOVEMENT

Every single part used in MIYOTA's movements is made at our plants in Japan. This enables us to ensure the quality of our movements. In addition, the parts we use are mostly metal, which assure high precision and durability. Our metal parts also facilitate disassembling and repairing.



MIYOTA Saku Factory



The MIYOTA Saku Factory started operations in December 2016 (Saku city, Nagano prefecture)

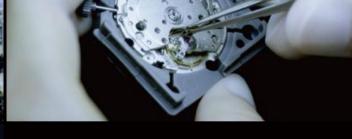
#### Factory

- lida Tonooka Factory
  Kawaguchiko CFD Factory
  Kawaguchiko Fuji Factory
  Miyota Factory
- Miyota Factory Saitama Sayama Factory Saitama Tanashi Factory Saitama Tokorozawa Facto
- Saitama Yoshimi Factory
  Tohoku Kitakami Factory
  Tohoku Kitakami Minami Factory
  Tohoku Soma Factory

#### Group Company

Aikawa Seimitsu Co., Itd. Citizen Yubari Co., Ltd. CITIZEN MICRO CO., LTD. Citizen Watch Kagoshima Co., Citizen Watch Myoko Co., Ltd.

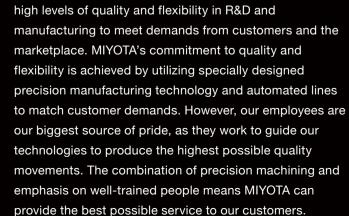




When it comes to movements, MIYOTA considers that it is

important for a movement manufacturer to have it all: both







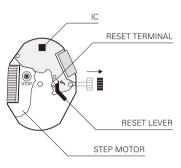
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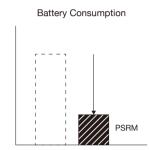
### **Feature**

#### Powercell Saving Reset Mechanism (PSRM)

If the crown is pulled out to reset position and the watches are shipped under that condition, it can make the movement save 2/3 of the battery consumption. Therefore even if the movement and/or assembled watches are kept in stock for 1-2 years, actual battery consumption is about 1/3 only of normal running condition as well.

\*All of our analogue quartz movements have Powercell Saving Reset Mechanism (PSRM) except Cal.4S20.





When the crown is pulled out to reset position, the reset lever moves to touch the reset terminal which can make movement save 2/3 of the battery consumption.

#### Overload Compensation Device (OLCD)

Thanks to Overload Compensation Device (OLCD) which can make battery comsumption minimize.

The motor drive pulse is usually output by the minimum energy that motor turns in a state of the normal load. When the load fluctuates by a slight hindrance, the motor may not turn around in the conventional pulse. In order to avoid that, the IC inside the movement always monitors whether motor turns correctly, and generates a big pulse of energy (=compensation pulse) at once if the motor did not turn correctly, which results in precise timekeeping continuously.

\*All of our analogue quartz movements have Overload Compensation Device (OLCD) except Cal.4S20.

#### Icon



#### Long battery life

Battery life longer than 4 years.



#### Shock detection

The SMART IC inside the movement will detect the external impact/shock and prevent hands' jumping. It will give you more flexibility for hands selection.



#### Quick reset

The remarkable mechanism of Heart-shaped cam allows the two counters of second/minute chronograph to reset instantly. The center chronograph second hand is IC-controlled and reset smoothly.



#### Super runner

Watch users can take pleasure in the unique hand movements featuring a 1/20 second counter or 1/100 second counter at ultimate spead as a feature of professional chronograph.



#### Click feeling of push button

Watch users will notice the premium value of the watches from the click of push buttons.



#### Parallel push button

Push buttons can be set parallel for square-shaped watch case.



#### Super quick date adjusting

The date disc flips super quickly when the crown is turned for date adjusting.



#### 4 Beats hand movement

Center chronograph hand sweeps in 1/4 second increments.



#### Alarm

The alarm will sound when the hour hand aligns with the alarm time indicator.



#### Moon phase display

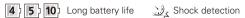
A function to display waxing and waning of the moon. Watch users can use the moon dial indication as a guide to the age or phase of the moon.

#### **Contents**

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04





6<sup>3</sup>/<sub>4</sub>×8'''







Covered Coil





2015

Height 4.15mm 3 years battery life (SR626SW)



Height 4.15mm 3 years battery life (SR626SW)

2005









2025 Height 3.15mm 3 years battery life (SR626SW)



Features of Super 2035

• 4 Years Battery Life • High Accuracy of ±15 sec / month



**Super 2035** Height 3.15mm 4 years battery life (SR626SW)





63/4×8'''

13<sup>1</sup>/2'''

2035



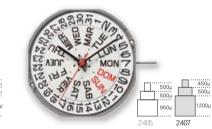
2035G



2034 Height 3.15mm High-torque for second-disc 14 months battery life (SR626SW)









1L60

10 Years Battery

Height 4.30mm 10 years battery life (CR1616)

2415
Height 4.35mm
3 years battery life (SR626SW)

2405 Height 4.35mm 3 years battery life (SR626SW)

2453 Height 4.35mm 3 years battery life (SR626SW)

Small Second

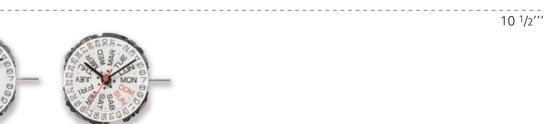
06











2S65 Height 4.22mm 10 years battery life (CR2012)

NEW 0T50 Height 5.10mm Small second 5 years battery life(SR927W) 5

2S60 Height 3.99mm 10 years battery life (CR2012)

07

6<sup>3</sup>/<sub>4</sub>×8'''

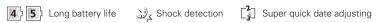
43/4'''

5<sup>1</sup>/2×6<sup>3</sup>/4'''



















6<sup>3</sup>/4×8'''

Super Slim





9T33

9T22 Height 1.90mm
3 years battery life (SR616SW)
Height 2.33mm
2 years battery life (SR616SW)

9T15





Battery detector function 101/2'''



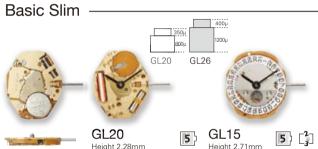






9U15 Height 2.33mm 4 years battery life (SR916SW)

9U13 Height 2.33mm 4 years battery life (SR916SW) Battery detector function



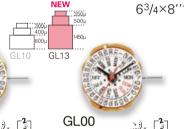
Height 2.28mm
5 years battery life (SR621SW)
Height 2.71mm
5 years battery life (SR621SW)







<u></u> ≥ [3] GL10



83/4'''



GN15



GN10

Height 2.71mm 5 years battery life (SR621SW) 5

Height 2.71mm 3 years battery life (SR621SW)

Features of G Series

· Covered Coil

Large

- Super Quick Date Adjusting
- Non-Breakable Date Construction



GM15











GM10 Height 2.71mm 5 years battery life (SR621SW) 5 Height 2.71mm 3 years battery life (SR621SW)

GM00  $\mathcal{L}_{\mathbf{x}} \begin{bmatrix} \mathbf{2} \\ \mathbf{3} \end{bmatrix}$ Height 2.94mm 3 years battery life (SR621SW)





Height 2.71mm 3 years battery life (SR621SW)

1S13



1S02 Height 3.07mm 3 years battery life (SR621SW)













5R21 Height 1.90mm 4 years battery life (SR416SW) Size: 9.0 x 13.2 x 13.5mm



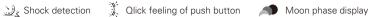
5R32 Height 2.00mr 2 years battery life (SR416SW) Size: 9.0 x 13.2 x 13.5mm

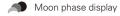


Height 2.54mm 4 years battery life (SR521SW)



5Y30 Height 2.54mm 2 years battery life (SR521SW)





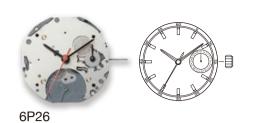
121/2'''

121/2"



Height 3.45mm 1 eye (24 hour) 3 years battery life (SR621SW)

6P28







JP11 Height 4.30mm Date/24 hour(12H) 2 years battery life (SR621SW)









Height 3.45mm 1 eye (Date) 3 years battery life (SR621SW)



\*Case Compatible with JS05, JS15, JS25





Height 3.45mm 3 eyes (Day/Date/Month) 3 years battery life (SR621SW)

Height 3.85mm / month disc 2 eyes (Day/24 hour) 3 years battery life (SR621SW)



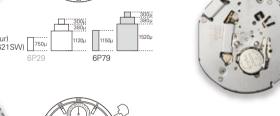




JR20

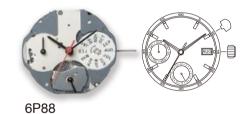
Height 4.18mm Retrograde day/Date/24 hour 3 years battery life(SR621SW)













Height 3.45mm 3 eyes (Day/Date/24 hour) 3 years battery life (SR621SW) 6P27







Moon-Phase

6P21

Height 3.45mm 3 eyes (Day/Date/Moon) 3 years battery life (SR621SW)



6P20

Height 3.45mm 3 eyes (Day/Date/Moon) 3 years battery life (SR621SW)

JR10 Height 4.18mm Retrograde day/Date/24 hour 3 years battery life(SR621SW)

\*Case Compatible with JS00, JS10, JS20, JS50, JS55



Height 3.85mm / Date pointer 1 eye(Moon) / 2 Discs (Day/Month) 3 years battery life(SR621SW)

10



6P00 Height 3.45mm 4 eyes (Day/Date/Month/Moon) 3 years battery life (SR621SW)

11

# Chronograph



Regular **0S Series** 

13<sup>1</sup>/2'''

#### Features of 0S Series

- Quick Reset (by Heart Cam Reset System)
- Click Feeling Push Button Handling
- Center Chrono Second Hand Max. 0.11µNm
- TACHYMETER Available



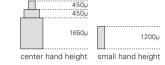
Large 6S Series

15′′′

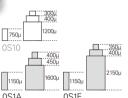
#### Features of 6S Series

Long battery life 3 Shock detection (V) Quick reset (S) Super runner (S) Qlick feeling of push button (V) 4 Beats hand movement (A) Alarm

- Quick Reset (by Heart Cam Reset System)
- Click Feeling Push Button Handling
- 4 Beats Center Chrono Second Hand • Balanceable Weight of Hands Minute Hand Max. 1.00μNm Center Chrono Second Hand Max. 0.40μNm Other Small Hands Max. 0.04µNm
- High Hand Standard
- TACHYMETER Available

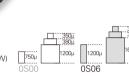














0S21

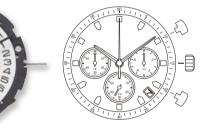
0S90

Height 4.13mm Chrono hour / min / sec 5 years battery life (SR927W)

Height 5.10mm Chrono min / sec, 24 hour 5 years battery life (SR927W)



















6S10 Height 4.90mm Chrono min / sec, 1/20 second 4 years battery life (SR927W)











6S50 Height 5.95mm Chrono min / sec, 1/20 second 4 years battery life (SR927W)

#### Professional

**5** 🛂 🕚 💃



Height 5.10mm Chrono min / sec, 1/20 second, 24 hour 2 years battery life (SR927W)



0S22 Height 5.10mm Chrono min / sec, 1/20 second, 24 hour 2 years battery life (SR927W)



OS11
Height 4.13mm
Chrono min / sec
5 years battery life (SR927W)









1/100 Second Chrono



#### Small **FS Series**

101/2'''

#### Features of FS Series

- Quick Reset (by Heart Cam Reset System)
- Click Feeling Push Button Handling
- TACHYMETER Available



JS Series

121/2'''















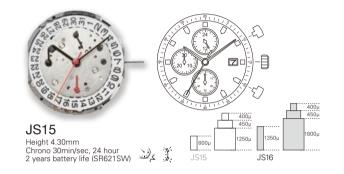




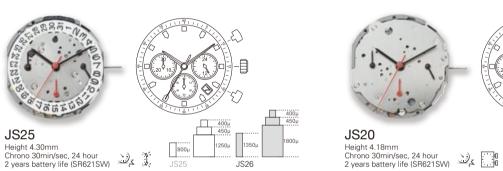




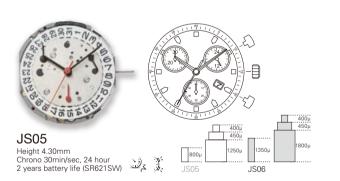


















JS50 Height 4.18mm Chrono 30min/sec, 24 hour 2 years battery life (SR621SW)

JS55
Height 4.18mm
Chrono 30min/sec, 24 hour
2 years battery life (SR621SW)

\*JS00, JS10, JS20, JS50, JS55  $\rightarrow$  Case Compatible with JR00, JR10, JR20 \*JS05, JS15, JS25  $\rightarrow$  Case Compatible with JP11, JP15 JP25

# Standard Automatic





8205 Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick day / date setting

821A

Height 5.67mm / 21 jewels 21600 Vibrations per hour

Automatic and hand winding Quick date setting



820A Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick day / date setting



8215 Gilt Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick date setting



821A-21D Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick date setting



8205 Gilt Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick day / date setting



Height 5.94mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick day / date setting







8217 Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick date setting



8218



Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick date setting



8219 Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding Quick date setting







82S7 Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding

3 Hands Date

3 Hands Day / Date

13'''



82D7 Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding



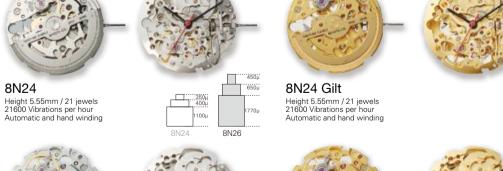
Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding



82D7 Gilt Height 5.67mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding









8N40 Height 5.55mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding



8N40 Gilt Height 5.55mm / 21 jewels 21600 Vibrations per hour Automatic and hand winding



2 Hands / Small Second

# **Premium Automatic**

#### Slim = Beautiful

The ultimate beautility and its fine feeling of tension brought by the slimness of MIYOTA Cal.9015. To be slim ( = beauty)" is an essential element for the superior watches today.Cal.9015 which height is only 3.90mm gives the sophisticated beauty and pleasure to the watch on your wrist.

#### Made in Japan + High accuracy = High reliability

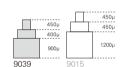
Ultra thin and small parts for Cal.9015 are made in our factory with the micron clearance management. These highly precise parts are assembled by latest facilities in Japan, and is qualified by a strict quality control. The unite of sophisticated technology and proficient skills of engineers, creates the high reliability of Cal.9015.











Height 3.90mm / 24 Jewels 28800 vibrations per hour Stop second device Automatic and hand winding





9015 Height 3.90mm / 24 Jewels 28800 Vibrations per hour Stop second device Automatic and hand winding Ouick date setting

### Open-Heart







·-----11<sup>1</sup>/2'''

Height 3.90mm / 3 hands 28800 vibrations per hour / 24 jewels Stop second device Automatic and hand winding



Complication ·----









#### NEW | 9133

Height 5.52mm / 26 Jewels 28800 Vibrations per hour Stop second device Automatic and hand winding Quick date setting



13<sup>1</sup>/2'''

#### 9110

Height 5.52mm / 26 Jewels 28800 Vibrations per hour Stop second device Automatic and hand winding Quick date setting



9122

Height 5.52mm / 26 Jewels 28800 Vibrations per hour Stop second device Automatic and hand winding Quick date setting



#### 9132

Height 5.52mm / 26 Jewels 28800 Vibrations per hour Stop second device Automatic and hand winding Quick date setting



#### **NEW** | 9134

Height 5.52mm / 26 Jewels 28800 Vibrations per hour Stop second device Automatic and hand winding Quick date setting

18







6T15 Height 5.98mm / 21 jewels 28800 Vibrations per hour Automatic and hand winding Quick date setting







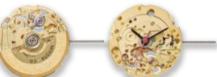


6T51 Height 5.98mm / 21 jewels 28800 Vibrations per hour Automatic and hand winding Quick date setting

6T51 Gilt Height 5.98mm / 21 jewels 28800 Vibrations per hour Automatic and hand winding Quick date setting









6T28 Height 5.23mm / 21 jewels 28800 Vibrations per hour Automatic and hand winding

NEW 6T28 Gilt
Height 5.23mm / 21 jewels
28800 Vibrations per hour
Automatic and hand winding

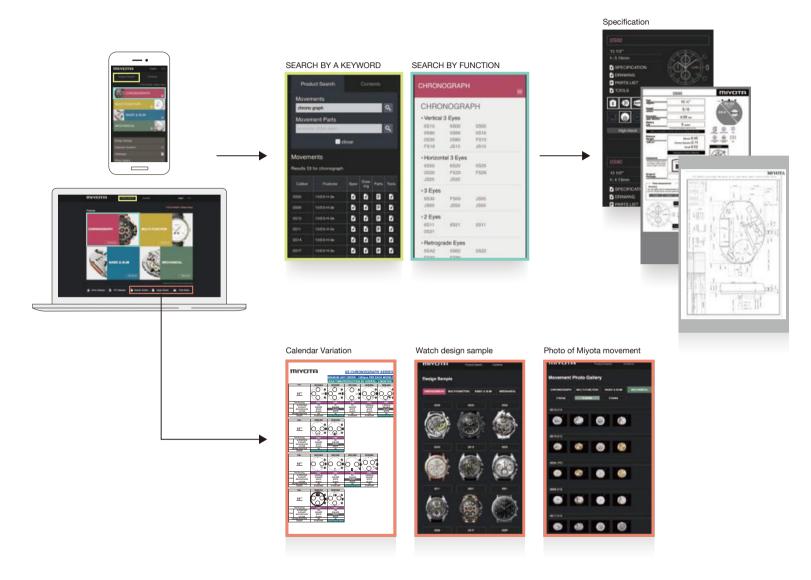
### miyotamovement.com



#### QUICK & EASY ACCESS TO NECESSARY INFORMATION

You can find more information through miyotamovement.com.

— Specification / Drawing / Calendar Variation / Photo of Miyota movement / Watch design sample



### **The Miyota Newsletter**



To provide updated information about MIYOTA watch movements as well as other information about the watch industry, we have started issuing "The Miyota Newsletter." To subscribe the newsletter timely, please send an e-mail as follows.

To: miyota-newsletter\_subscribe@citizen.co.jp Subject : newsletter \*

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