1) Specifications
Casing diameter: \( \phi 27.0 \text{ mm} \)
Height: 5.2 mm
Vibrations per hour: 21,600
Automatic winding
Calendar mechanism: Day and date, bilingual change-over system for the day of the week, instant day and date setting device

2) Features
- Highly reliable movement
  The highly stabilized accuracy and high reliability established for the 61 series has been incorporated into the movement.
- Easy-to-use day/date setting device
  All that is required for day-date correction is to turn the crown. Turn clockwise (away from you) for date setting; turn counter clockwise (towards you) for day setting.
- Easy after-servicing
  Disassembling and reassembling procedures and serviceability have been improved largely by:
  - employment of a new balance hairspring holding device;
  - decrease in number of parts resulting from the simplification of the movement structure;
  - decrease in number of new parts resulting from interchangeability of some parts with Cal. 61 series.

3) Disassembling and reassembling
Disassembling procedures Figs.: ① 〜 ⑥
Reassembling procedures Figs.: ⑥〜①
The movement holder for 61 series is also used for disassembling and reassembling.

4) Lubrication
The following marks indicate the types of oil, and quantity to be applied and lubricating portions.

Type of oil
- Moebius A
- Moebius V
- SEIKO Watch Oil, S-2
- SEIKO Watch Oil, S-6

Oil quantity
- Liberal quantity
- Normal quantity
- Extremely small quantity

Note: Never lubricate the portions marked ×
**Hands, dial and holding ring for dial**

**Holding ring for dial**

As this holding ring for the dial incorporates the two functions of both the currently used holding ring for dial and the case ring, it simplifies the casing of the watch.

The holding ring for dial is generally classified into two types.

**Note:**

- The movement holder for 61 series cannot be used if the holding ring for dial is assembled with the movement, because the holding ring for dial touches when setting the movement into the movement holder as shown in the illustration. (The movement holder for 61 series can be used for the one-piece type case, square type case and case with dial ring.)

- Disassembling and reassembling of this holding ring for dial from the movement is a little different from that of the current holding ring for dial. Follow the procedures below.

**Disassembling**

- When the movement is to be removed from the case, pull out the winding stem and turn the case upside down. The movement should fall out. It is not necessary to pull up on the holding ring for dial.

- After loosening the dial screws, the dial and the holding ring for dial can be removed together. Put the tip of tweezers into the groove of the main plate located near the barrel and pry toward the arrow marked direction as shown in the illustration. Then the dial and the holding ring for dial will be removed together.

**Reassembling**

- Place the groove for the stem of the holding ring for dial upon the winding stem, and press down the holding ring for dial on the mainplate.

- Place the movement on a clean cloth when handling.

**Hour, minute and second hands**

**Note for reassembling:**

- When mounting the hands, place the movement on a clean cloth.
Hour, minute and second hands

Note for reassembling:
- Refer to the remarks for reassembling procedures on page 2.
- After mounting the hands, check to be sure that the date and the day of the week change correctly and also make sure that the hands do not touch each other.

Dial

Holding ring for dial
(serves also as a case ring)

Note:
- Refer to the remarks for disassembling and reassembling procedures on page 2.

Day star with dial disk

Note for reassembling:
- Check to see if the day jumper gears with the day star with dial disk.

Date dial guard screw

Note for reassembling:
- After assembling, check the hand setting condition and date setting condition.

Date dial guard

Day jumper screw (3 pcs.)

Day jumper

Date driving wheel screw

Day finger

Note for reassembling:
- Set the day finger so that the date driving wheel pin is placed as shown in the illustration.

Pin

Date driving wheel

Snap for day star with dial disk

Note for disassembling:
- Put the tip of a screwdriver into the opening of the snap for day star with dial disk and pry toward the arrow marked direction.

Note for reassembling:
- Hold the snap for day star with dial disk with tweezers and push it down. Direct the chamfered face downwards.
- After assembling the snap for day star with dial disk, check to be sure that the date and the day of the week change correctly by turning the crown.

Date dial

Date jumper

Intermediate date wheel

Minute wheel bridge screw

Minute wheel bridge

Setting wheel lever complete

Pin of the setting lever

Minute wheel

Cannon pinion

Dial screw (2 pcs.)

Note for disassembling:
- Do not remove, but loosen by some three turns.

Cal. 6308 contains the main mechanism of Cal. 6309 but it does not have the day indication mechanism. For disassembling and reassembling, refer to this diagram but not the parts related to the day indication.
28 Pawl lever with jewel
27 Holder for transmission wheel and pawl lever
   Note for disassembling:
   • Raise the triangularly marked portion with tweezers, and remove the holder for transmission wheel and pawl lever by pushing up the part (1) and part (2).

Note for reassembling:
• Set it in by pressing down with tweezers.

Be careful not to lubricate the head of eccentric post.

23 Screw for oscillating weight
   Note for reassembling:
   • After assembling, check to be sure that the oscillating weight does not touch the main plate or the framework for automatic device, and automatic winding mechanism works correctly.

24 Oscillating weight

25 Framework screw for automatic device with ball bearing (3 pcs.)

26 Framework for automatic device with ball bearing
   Note for disassembling:
   • The pawl lever with jewel 28 and the holder for transmission wheel and pawl lever 27 are removed together with it.
   • Be careful because the transmission wheel is liable to jump out, pushed by the power of the main spring.

Note for reassembling:
• Set the transmission wheel on the barrel and train-wheel bridge first, place the framework for automatic device in position, and engage the pawl of the pawl lever with jewel with the transmission wheel by opening the pawl with tweezers as illustrated below.

29 Transmission wheel

30 Diashock

31 Balance cock screw

32 Balance cock

33 Stud screw
   Note for disassembling:
   • Loosen the stud screw by about two turns to remove the balance hairspring.

34 Balance complete
   Note for reassembling:
   • Place the outer end of the balance hairspring to the side of the stud holder as shown in the illustration below, and tighten the stud screw.

35 Structure of balance hairspring holding device
   The balance hairspring holding device newly developed by SEIKO facilitates after-sale servicing with the following features:
   (1) The balance hairspring can be easily removed and reassembled by simply loosening the balance hairspring holder screw.
   (2) The balance hairspring terminal can be fixed without damaging its shape.
   (3) The balance hairspring can be kept horizontally.

36 Pallet cock
   Note for disassembling:
   • Remove the pallet cock screw after releasing the mainspring.

37 Jewelled pallet fork and staff

Make the end of the balance hair spring flush with the side of the stud holder.