



Miyota 1L22,1L12,1L02,1M02 Movement Parts (1)

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

CAL. 1L/MXX
 MOVEMENT SPECIFICATIONS
CAL. 1L/MXX SERIES ANALOG QUARTZ MOV'T
 BY CITIZEN WATCH CO., LTD. JAPAN
NEW FLAT RANGE
 MANUFACTURED IN JAPAN

1. BASIC SPECIFICATION

(1) CAL. NO.

*TO CONFIRM WITH MOV'T DRAWING ATTACHED

CALIBRE	1L22	1L32	1L12	1L02	1M12	1M02
Ligne	6 X 8		6 X 8		10 1/2	
Overall length	15.3 × 18.2		15.3 × 18.2		23.7 × 22.6	
Case fitting length	15.3 × 17.8		16.1 × 17.8		23.3 × 22.6	
Total height	2.15mm	2.28mm	2.71mm	2.94mm	2.71mm	2.94mm
Hands	2	3	3			
Date	X		○	○	○	○
Day of Week	X		X	○	X	○
Battery life	5 Year	3 Year	3 Year			
Battery	SF616SW	SF621SW	SF621SW			

(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 : See above: JAPAN-MADE

(4) Others

Driving systems : Two-pole stepping motor
 Number of Jewel : No(0) jewel

(5) Additional Mechanisms & Features:

Quick Day/Date Change by turning crown(*1L12/02/1M12/02)
 Bilingual Day of Week(*1L02/1M02)
 Powercell Saving Reset Mechanism(PSRM)
 Second hand stopping at optional position
 Over-loading Compensation Device(OLCD)
 Digital Frequency Control(DFC) for time adjustment

(6) Balanceable weight of hand

Minute hand Max. 0.4 μN·m
 Second hand Max. 0.07 μN·m

2. SEPARATED PARTS

CAL. 1L/MXX

	1L22	1L32	1L12	1L02	1M12	1M02
Hour Wheel	075-446	075-446	075-455	075-454	075-455	075-454
Dial Washer	078-040	078-040				
Setting Stem	065-477	065-477	065-505	065-505	065-505	065-505

3. Others

* Measurement of time rate

The unit(gate) time of measurement must be set at "10s" or integer fold value of 10s owing to the DFC system, and the measurement must be performed in the form of complete watch.

* Marking on movement

NO(0) JEWEL
(CAL NO.)
MIYOTA CO., JAPAN

* Typical clearance

Mov't - Caseback minimum 150 μ m or more
Top of hands - Glass 300 - 400 μ m *
* depending and subject to the glass and case structure, and hand length

* Interchangeability of appearance components:

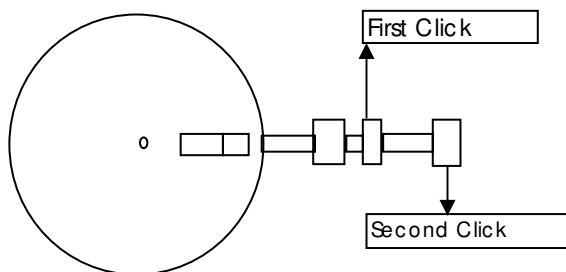
Dial Foot postion & the diameter same as Cal. 20/21/6L/6M series*
Day/Date window position same as Cal. 20/21/6L/6M series*
Hands same as Cal. 2035/20/21/6L/6M series

*respectively plain to plain, date to date and d/d to dd

*How to set time and day/date:

Day/Date ----- Pull out crown to the first click position, then:
turn crown clockwise for Weekday
turn crown counter-clockwise for Date

Time ----- Pull out crown to the second click position and
turn crown until the time is set correctly**



**Time Setting of CAL1L22/32 : at the first click position

This specifications might be changed without prior notice.