



Movement Catalogue 2018









SII Technology

MECHANICAL MOVEMENTS Precision | Craftmanship

NE86 & NE88 Mechanical Chronograph

Vertical Clutch



It enhances time measurement accuracy by eliminating the "jumping hand" problem.

•



"SPRON" Hairspring



SPRON was developed by SII as a hairspring material for high-end mechanical movements. It has superior elasticity, durability, and high corrosion and heat resistances.

Column Wheel



It precisely coordinates the chronograph operations.

1

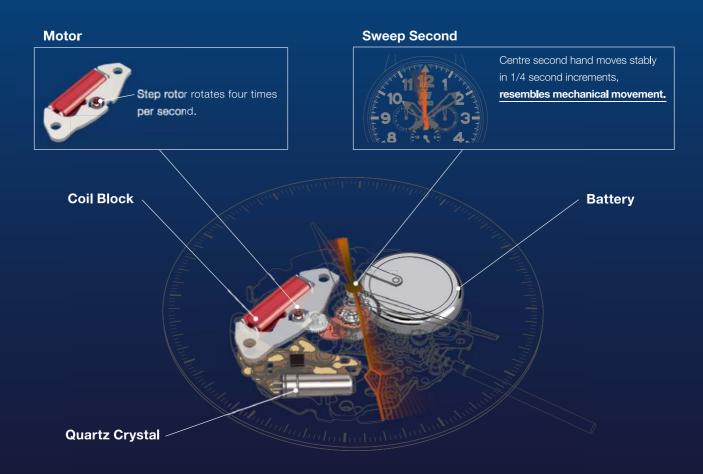
Three Pointed Hammer



A one-piece component developed by SII. It synchronizes all chronograph hands to reset at once (*Instant Zero Reset*).

QUARTZ MOVEMENTS Know-how | Innovation

VH Sweep Second Quartz Series



VK Premium Chronograph Series



Instant Zero Reset

VK premium chronograph movements are developed with the Three Pointed Hammer mechanism (once exclusive to SII mechanical movements) to achieve the Instant Reset Function, a signature feature of mechanical chronographs.

Reset

Premium Mechanical Series



True Value of Watchmaking by SII's Original Mechanical Chronograph



Column Wheel for Chronograph Coordination

Column wheel is the most important component of coordinating the Start, Stop and Reset functions of chronograph hands. The smooth and super-soft click start prevents excessive force from being exerted on the other components, resulting in excellent durability. Advanced manufacturing technology is necessary to produce this highly precise column wheel, making it the symbol of high-end watchmaking.



Vertical Clutch for Power Transmission

Vertical clutch is a tiny device with a pinion running through the centre. When the pinion turns at the start of the chronograph, no gears are moved and the wheel teeth are always meshed together. It thus eliminates the "jumping hand" problem commonly found in other mechanical chronograph watches. Precision level of time measurement and durability of the components are enhanced. Vertical clutch has received much attention, and has been adopted in many luxury watch brands in recent years.

NE86 & NE88 Mechanical Chronograph



New

Height: 7.62mm 2 hands / small second Quick changing date Centre chrono second Chrono minute Duration time: more than 45 hours 28,800 vibrations per hour (4Hz) Stop second device 34 jewels

NE88

NE86

Height: 7.62mm 2 hands / small second Quick changing date Centre chrono second Chrono minute / hour Duration time: more than 45 hours 28,800 vibrations per hour (4Hz) Stop second device 34 jewels





Premium Mechanical

NE15 & NE20 ENHANCED HAND TORQUE

- Fine polishing
- Higher time accuracy
- Duration time over 50 hours (NE15)
- Multi-eye with power reserve indicator (NE20)
- High beat vibration frequency 28,800 vibrations per hour (4Hz) (NE20)





* Specifications are subject to change without notice. Photos are slightly different from actual products. * Photo Scale = 1:1 ENHANCED HAND TORQUE Second hand unbalance weight upgraded to 0.6µN·m

Basic Mechanical Series

NH3 Series High quality features







e Pull

Pust

Efficient winding with

" Magic Lever





Mirror finishing (NH38/39) Stop second device



Côtes de Genève decorated rotor (optional)

Enhanced Hand Torque (measure : unbalance weight)

		-		
	Before	After	Before vs After	Calibres
Second hand	0.20µN∙m	0.60µN∙m	300% Up	NE15,NE20,NE57 NH3 Series,NH70

NH3 Series ENHANCED HAND TORQUE



NH35 Height: 5.32mm 3 hands / date 21,600 vibrations per hour (3Hz) Stop second device Quick date correction 24 jewels



NH36

Height: 5.32mm 3 hands / day-date 21,600 vibrations per hour (3Hz) Stop second device Quick day & date correction 24 jewels



NH37

Height: 5.32mm 3 hands / date / 24 hour 21,600 vibrations per hour (3Hz) Stop second device Quick date correction 24 jewels



NH38 Height: 5.32mm 3 hands 21,600 vibrations per hour (3Hz) Stop second device 24 jewels



NH39 Height: 5.32mm 3 hands / 24 hour 21,600 vibrations per hour (3Hz) Stop second device 24 jewels



24 jewels

NH0 & NH1 Series



NH05 Height: 5.92mm 3 hands / date 21,600 vibrations per hour (3Hz) Quick date correction 21 jewels





NH06

Height: 5.92mm 3 hands / day-date 21,600 vibrations per hour (3Hz) Quick day & date correction 21 jewels





10 1/2"

NH15 Height: 6.01mm 3 hands / date 21,600 vibrations per hour (3Hz) Quick date correction 21 jewels





NH16 Height: 6.01mm 3 hands / day-date 21,600 vibrations per hour (3Hz) Quick day & date correction 21 jewels





NH70 Skeleton ENHANCED HAND TORQUE



NH70

Height: 5.32mm 3 hands 21,600 vibrations per hour (3Hz) Stop second device 24 jewels Côtes de Genève decorated rotor





decorated rotor





Sweep Second, High Torque - The Graceful Movement of Time



Sweep Second

Centre second hand moves in 1/4 second increments, resembles mechanical movement.



Common Quartz second hand moves in 1/1 second increments



VH Series second hand moves in 1/4 second increments

High Torque (measure : unbalance weight)

	Common Quartz	VH Series	Common Quartz vs VH Series
Second hand	0.07µN⋅m	0.30µN⋅m	About 400% Up
Small hand	0.05µN∙m	0.10µN⋅m	About 200% Up







VH Series



* Specifications are subject to change without notice. Photos are slightly different from actual products. * Photo Scale = 1:1 BL = Battery Life 🛛 📘 High Hand Available 📜 Long Stem Available

Quartz Chronograph Mechanical Action





Instant Zero Reset of Chrono Hands



Centre 1/5 Chrono Second

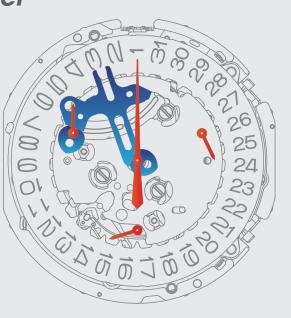


Click Feeling Push Buttons

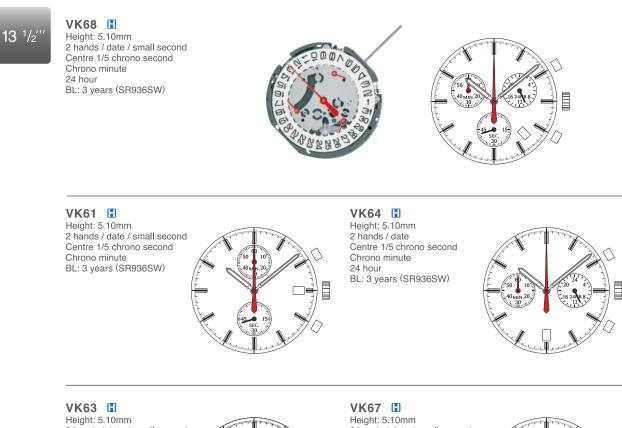
Three Pointed Hammer (Instant zero reset function)



Three pointed hammer has once been exclusive to SII mechanical chronographs. VK premium chronograph series (quartz movements) inherit the technology, setting newly high standard for true chronographs.



VK Series



Height: 5.10mm 2 hands / date / small second Centre 1/5 chrono second Chrono minute 24 hour BL: 3 years (SR936SW)



Height: 5.10mm 2 hands / date / small second Centre 1/5 chrono second Chrono minute / hour BL: 3 years (SR936SW)



VK73 🗄

Height: 5.90mm 2 hands / big calendar Small second Centre 1/5 chrono second Chrono minute 24 hour BL: 3 years (SR936SW)





VK83 🖪

Height: 5.10mm 2 hands / date Small second Centre 1/5 chrono second Retrograde chrono 20 minute 24 hour BL: 3 years (SR936SW)







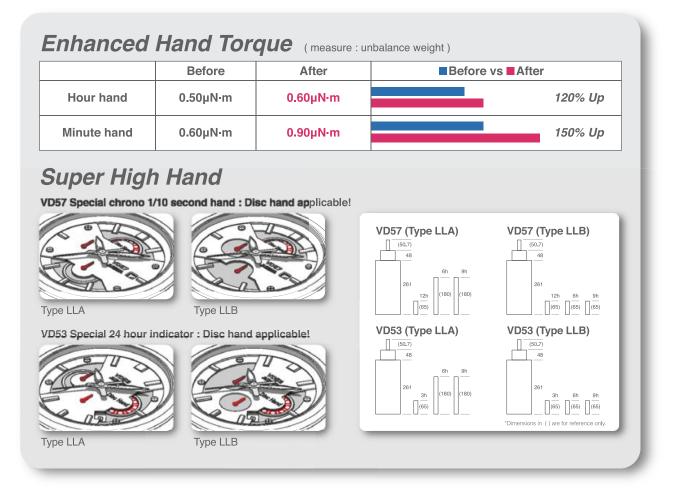
Enhanced Hand Torque



Hour hand torque 120% Up



Minute hand torque 150% Up



Search for more variations of SII Movements at

www.timemodule.com



VD5 Series **Enhanced hand torque Syear Battery life**



TwoTime Zones at a Glance at Wrist



- Dual Time Function Easily Adjusted by **Pushers**
- VD32, VD34, VD36, VD38
 -Case Compatible with VD54 and VD55
- VD31, VD33, VD35, VD37
 -Case Compatible with VD53 and VD57
 -Date Window with Many Different Variations











VD3 Series



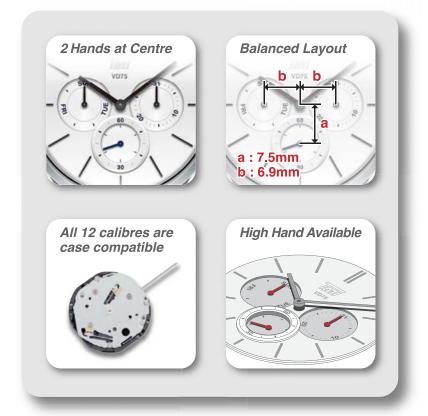
Dual Time

Multi-eye & Retrograde Series

Simple · Balanced · Variety



CASE SIZE(3h-9h) 38.6mm





VD8 Series

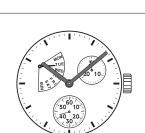
10 ¹/2"

Height: 3.45mm 2 hands / Small second / 24 hour / Day / date BL: 3 years (SR626SW)

VD84



VD86 III Height: 3.45mm 2 hands / Small second / Day / date BL: 3 years (SR626SW)



VD85 Height: 3.45mm 2 hands / Small second / Day / date BL: 3 years

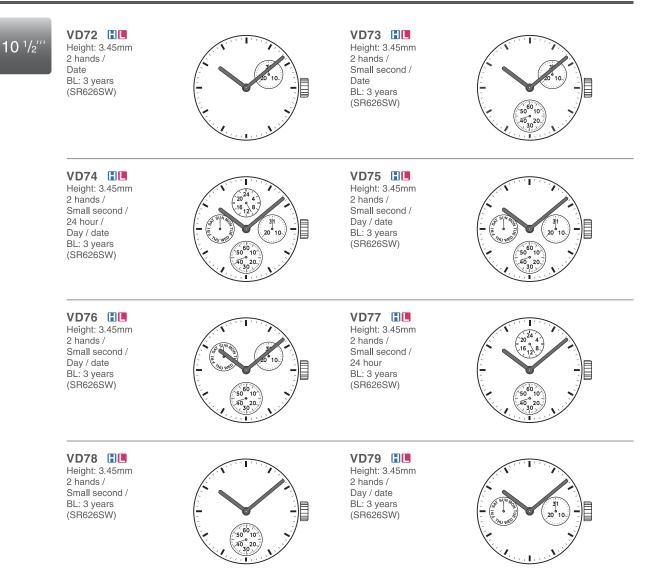
(SR626SW)



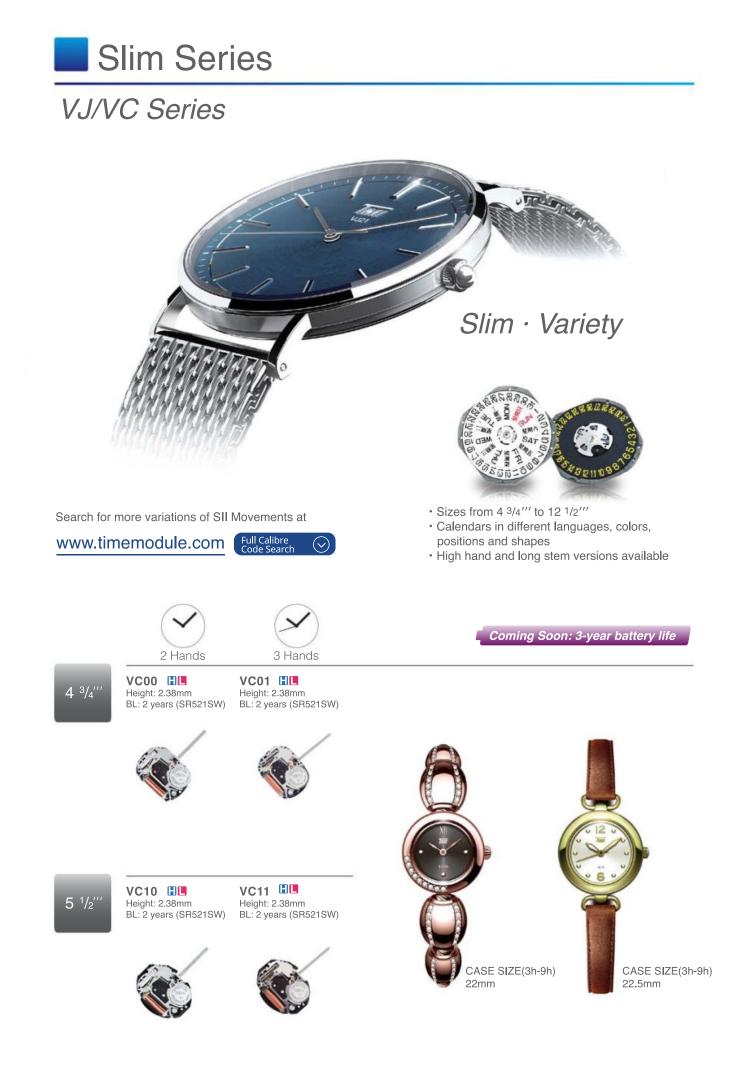




VD7 Series



Multi-eye / Retrograde



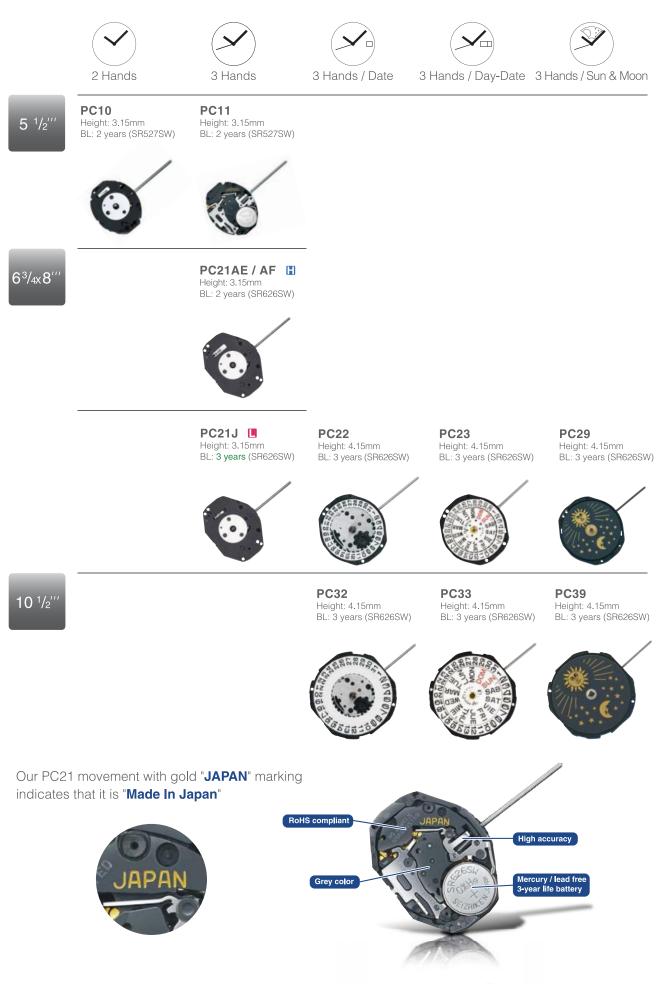
Slim



Slim

18

Standard Series



Standard

All SII analogue quartz - Green products

SII Products pursues a better environment by removing the hazardous mercury and lead from all Japan movements' batteries from 2008.



High quality to the world by SII movements



SII factory in Morioka (Japan)



FA lines of AQ movements in SII factory

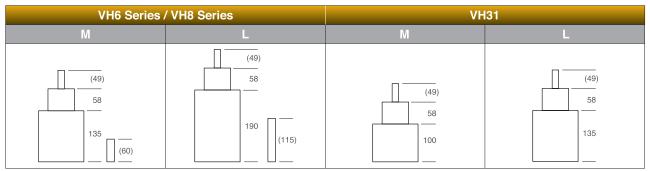


SII head office (Japan)

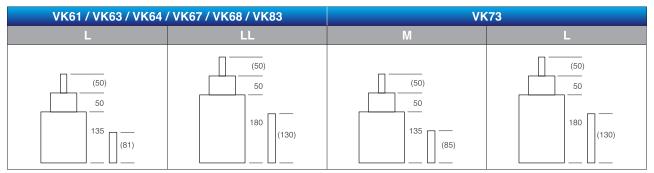
Mechanical

NH35 / NH36 /	NH37 / NH39		
М	L	М	
(46.7) 59 118	(46.7) 59 158		

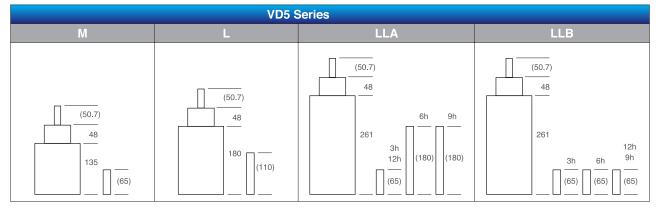
Sweep Second Quartz



Premium Chronograph

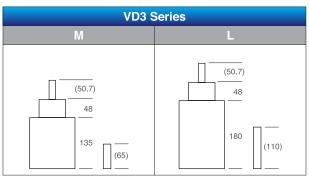


Basic Chronograph

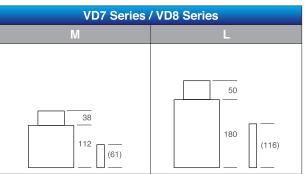


Type M : Regular Production (Stock Item) Type L / LL / LLA / LLB : Order Based Production (Please contact us for more details)

Dual Time



Multi-eye / Retrograde

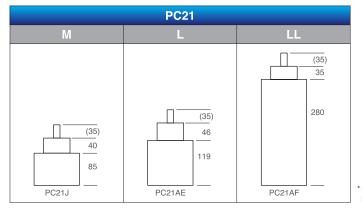


Slim

VC00	/ VC10	VC01	VC01 / VC11		VJ76		
М	L	М	L	М	L		
40	43	(29) 40 77			2.7) 49 45 125		

VJ20		VJ	21	VJ12 / VJ22 / VJ32 VJ23 / VJ33		/ VJ33	
M	L	М	L	М	L	М	L
35 80	49	(32.7) 35 80	(37.8) 49 125	(32.7) 40 77		(32.7) 35 85	(37.9) 49 130

Standard



* PC21J : 3 years battery life PC21AE / AF : 2 years battery life

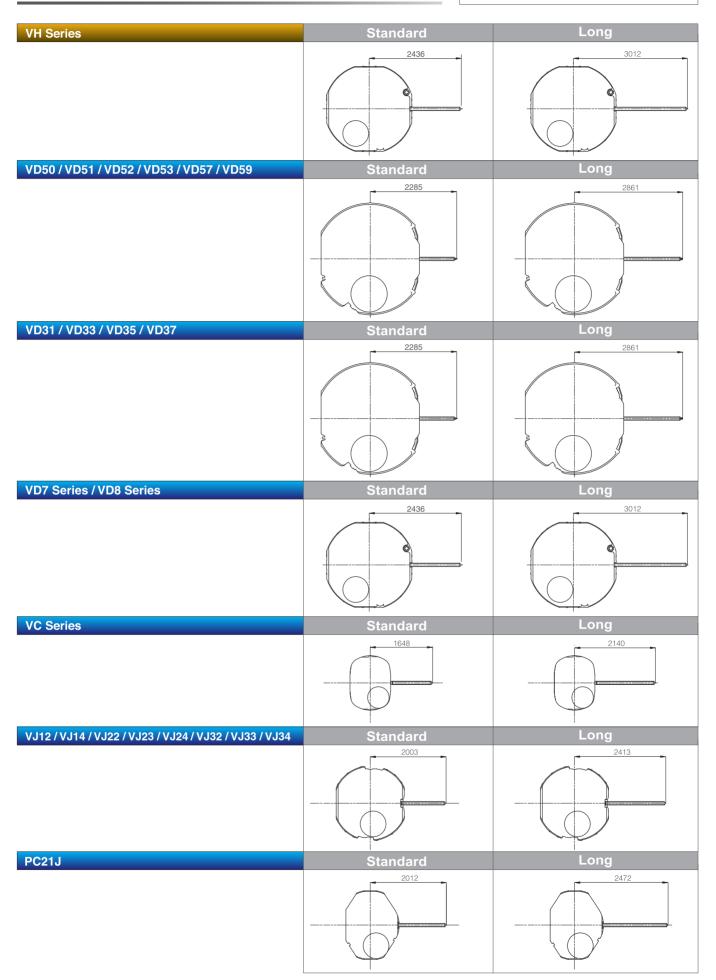
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Long Stem

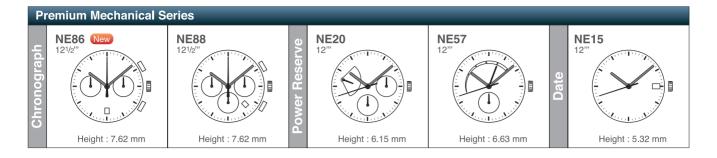
Remark

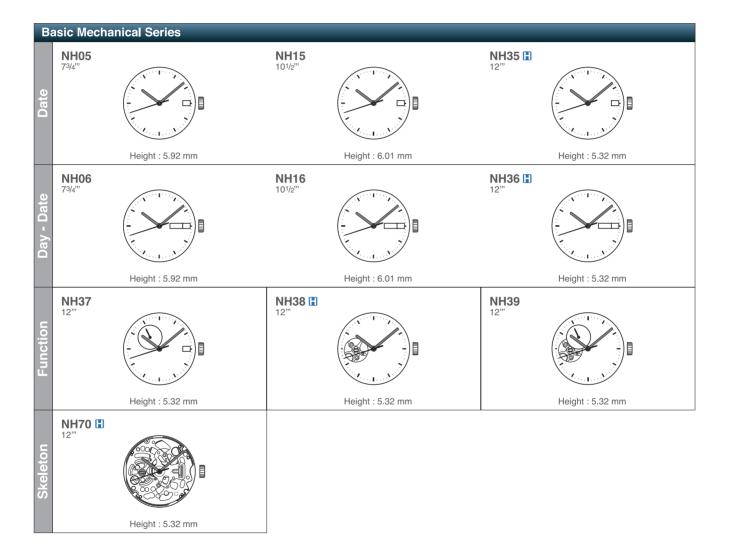
Standard Stem : Regular Production (Stock Item) Long Stem : Order Based Production (Please contact us for more details)



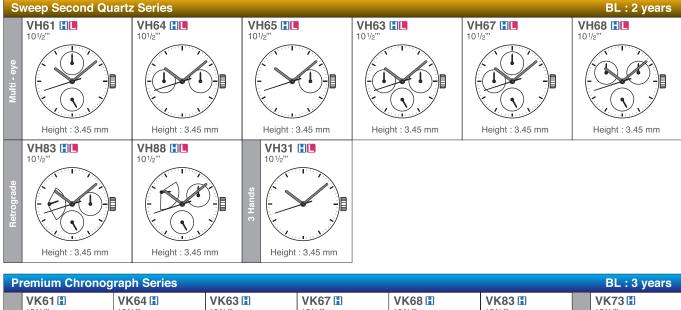
*Unit : 1/100mm

SII Movements - Index

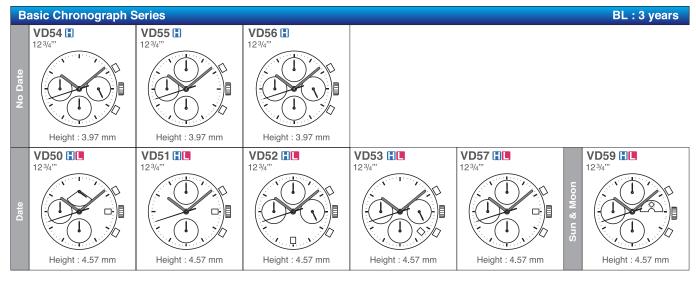




SII Movements - Index

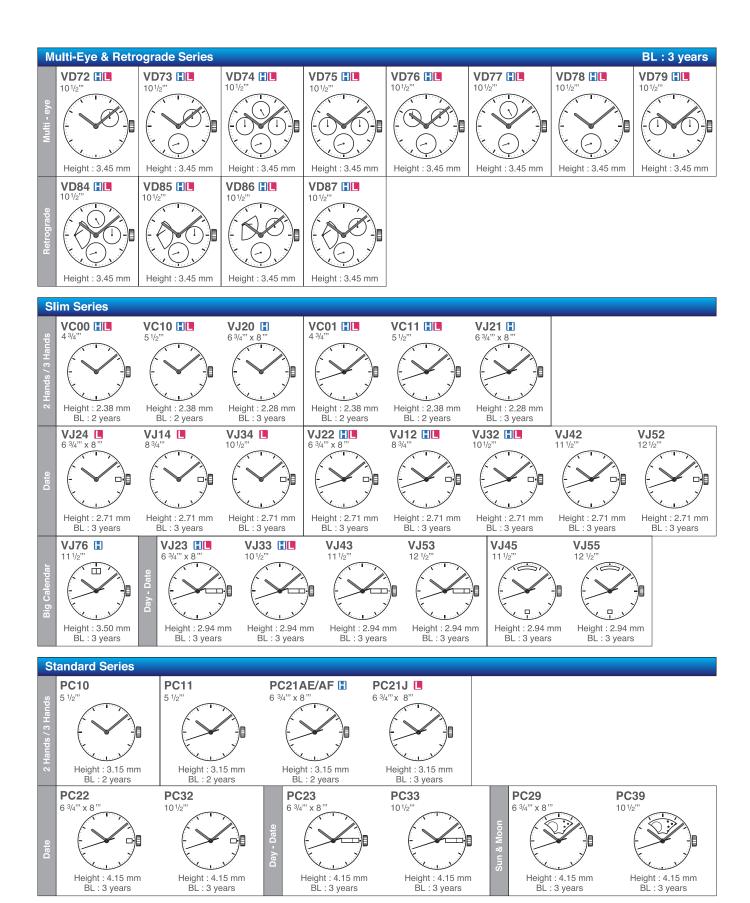








BL:2 years





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All of our WATCH MOVEMENTS are manufactured to the high standard of reliability stipulated by ISO 9001/14001 SERIES

