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

Soy ink is used.

TMI Catalogue (Eng) 2024_01



SEIKO
GROUP

MOVEMENT CATALOGUE 2024



Our Technology

MECHANICAL MOVEMENTS

Precision | Craftsmanship

NE86 & NE88 Mechanical Chronograph

Vertical Clutch



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

"SPRON" Hairspring



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

Column Wheel

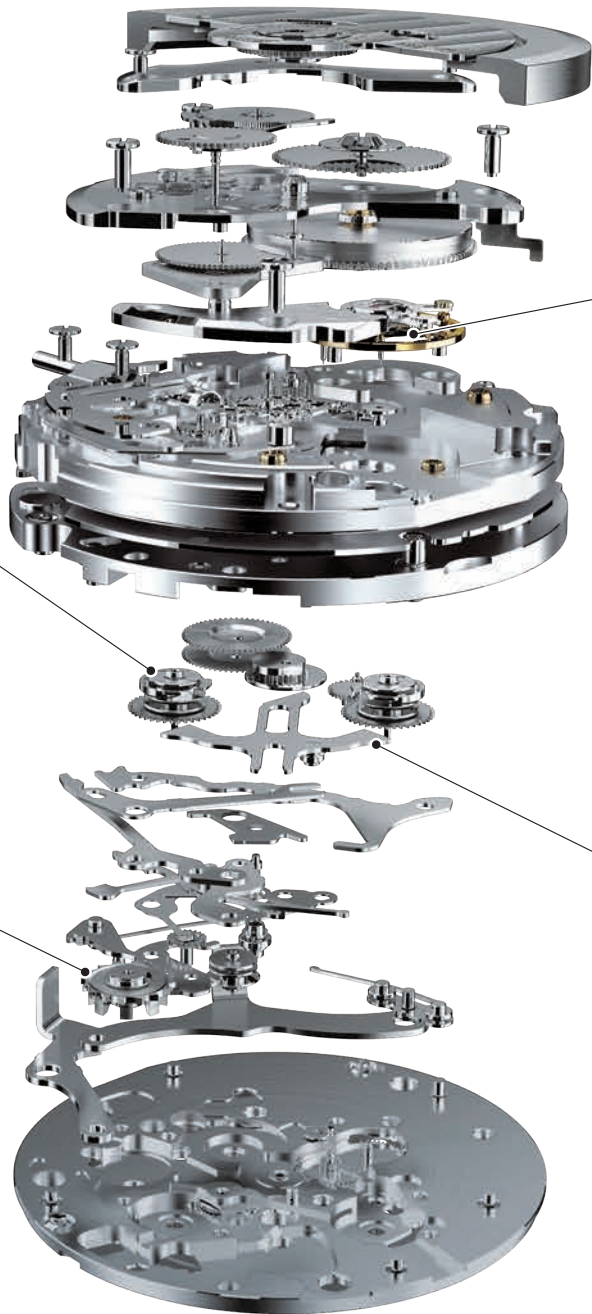


It precisely coordinates the chronograph operations.

Three Pointed Hammer



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



QUARTZ MOVEMENTS

Know-how | Innovation

VH Sweep Second Movement

Motor



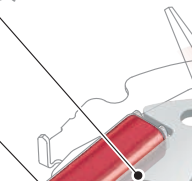
Step rotor rotates four times per second.

Sweep Second



Centre second hand moves 4 times per second, **resembles mechanical movement.**

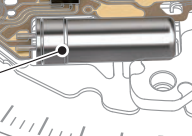
Coil Block

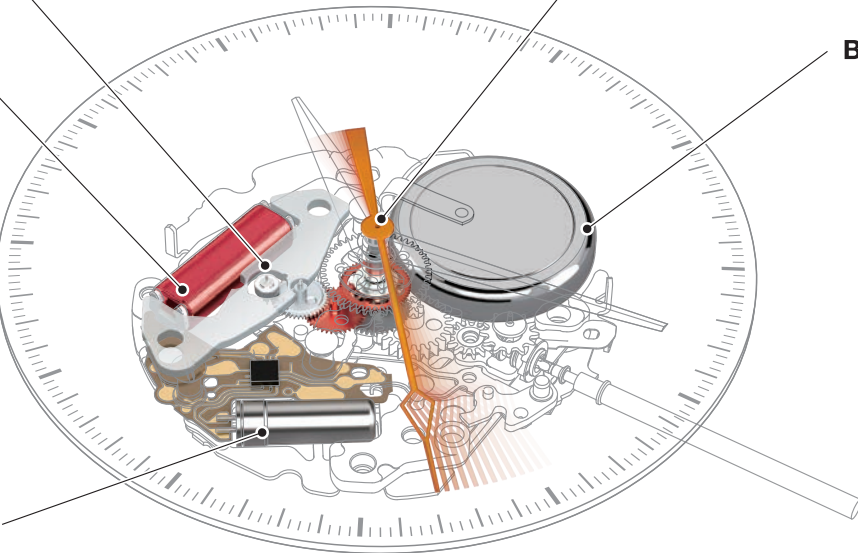


Battery

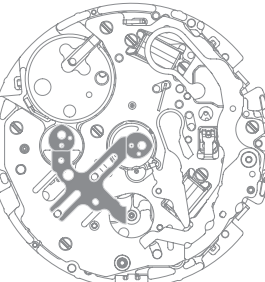


Quartz Crystal





VK Premium Chronograph Movement



Instant Zero Reset

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



Reset

Premium Mechanical Movement

NE86 & NE88 Mechanical Chronograph

- Higher time accuracy
- Duration time: more than 45 hours
- 28,800 vibrations per hour (4Hz)



CASE SIZE (3h-9h)
44mm



Côtes de Genève decorated rotor

Mirror Diamond Cut on bridges



Column Wheel
for Chronograph Coordination



Vertical Clutch
for Power Transmission

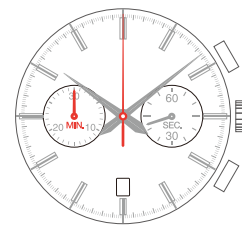


Three Pointed Hammer
for Instant Zero Reset

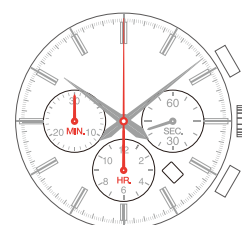
NE86 & NE88 Mechanical Chronograph

12 1/2'''

NE86
Height: 7.62mm
Chrono (centre sec, min)
Small second, date
Duration time: more than 45 hours
28,800 vibrations per hour (4Hz)
Stop second device
Quick changing date
34 jewels



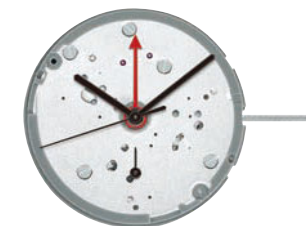
NE88
Height: 7.62mm
Chrono (centre sec, min, hr)
Small second, date
Duration time: more than 45 hours
28,800 vibrations per hour (4Hz)
Stop second device
Quick changing date
34 jewels



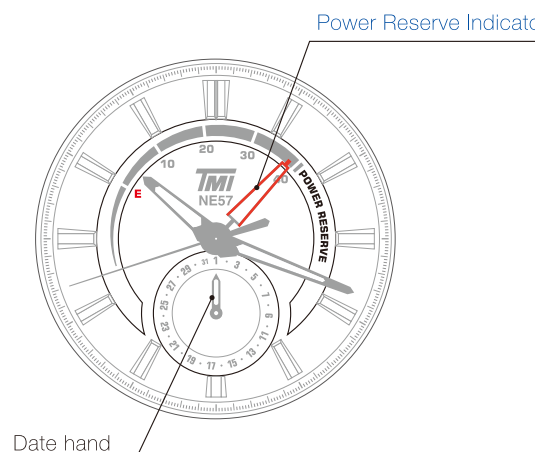
NE57 Power Reserve (Centre-hand)

12'''

NE57
Height: 6.63mm
Centre-hand power reserve
Multi-eye (date)
Duration time: more than 41 hours
21,600 vibrations per hour (3Hz)
Stop second device
29 jewels



CASE SIZE (3h-9h)
42mm



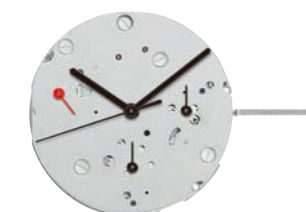
Power Reserve Indicator

Date hand

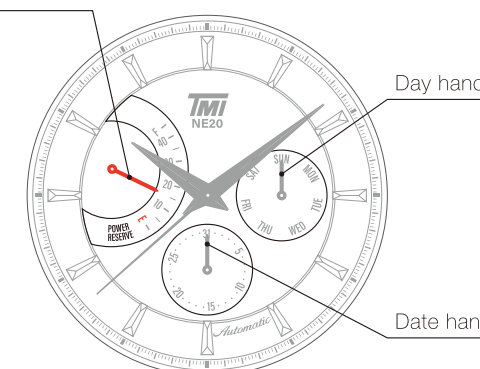
NE20 Power Reserve (Multi-eye)

12'''

NE20
Height: 6.15mm
Multi-eye (day, date, power reserve)
Duration time: more than 45 hours
28,800 vibrations per hour (4Hz)
Stop second device
29 jewels



Power Reserve Indicator



Day hand

Date hand

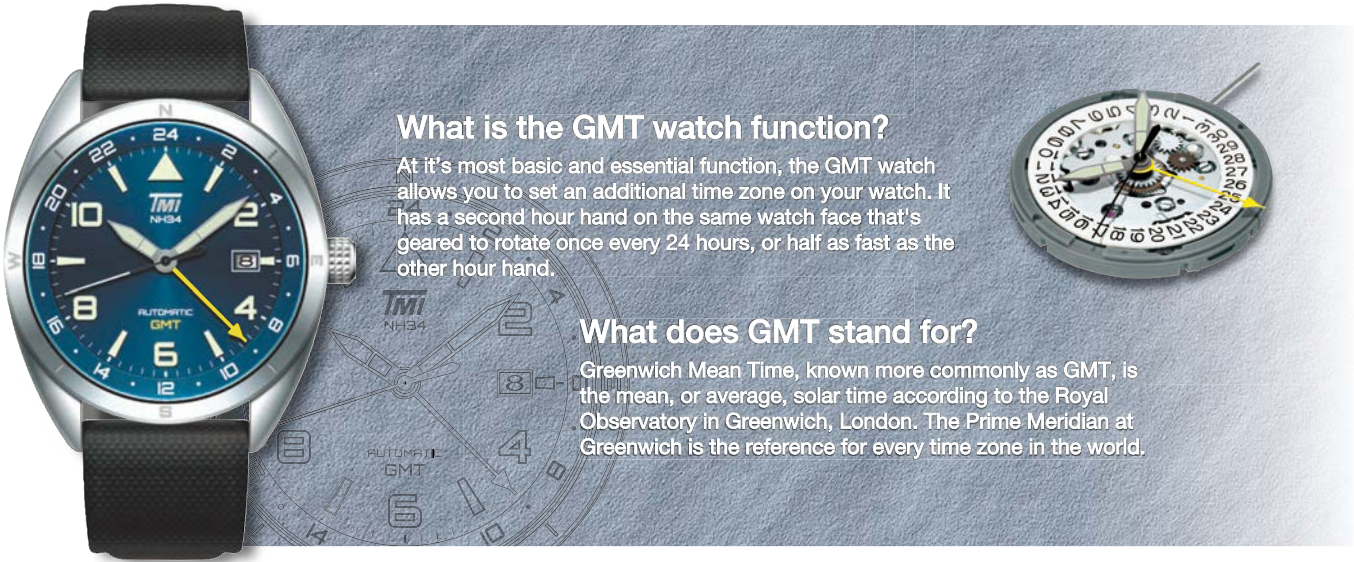


CASE SIZE (3h-9h)
40mm

Country of Origin: NE86, NE88, NE20 - Japan
NE57 - Japan or Malaysia

Standard Mechanical Movement

NH34 Automatic GMT from NH3 Series



CASE SIZE (3h-9h)
43mm

What is the GMT watch function?

At it's most basic and essential function, the GMT watch allows you to set an additional time zone on your watch. It has a second hour hand on the same watch face that's geared to rotate once every 24 hours, or half as fast as the other hour hand.

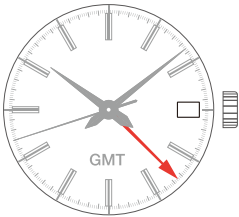
What does GMT stand for?

Greenwich Mean Time, known more commonly as GMT, is the mean, or average, solar time according to the Royal Observatory in Greenwich, London. The Prime Meridian at Greenwich is the reference for every time zone in the world.

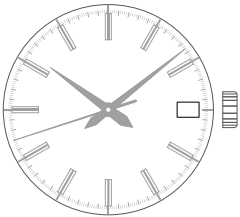
NH3 Series

12'''

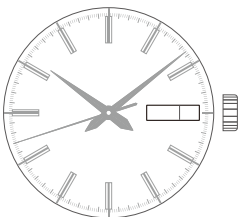
NH34
Height: 5.32mm
Centre GMT hand
3 hands / date
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels



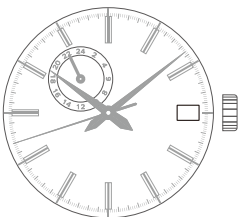
NH35
Height: 5.32mm
3 hands / date
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels



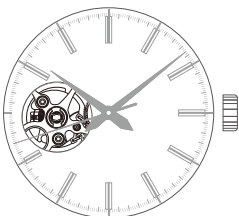
NH36
Height: 5.32mm
3 hands / day-date
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels



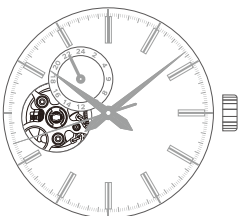
NH37
Height: 5.32mm
3 hands / date, 24 hour
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels



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



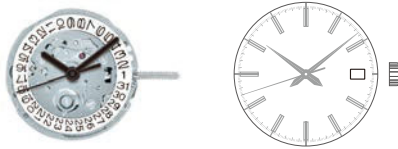
NH39
Height: 5.32mm
3 hands, 24 hour, open-heart
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels



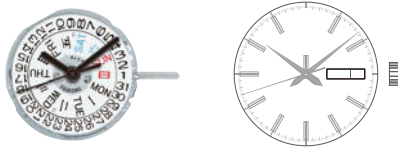
NH0 Series

7 3/4'''

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



NH06
Height: 5.92mm
3 hands / day-date
21,600 vibrations per hour (3Hz)
21 jewels



CASE SIZE (3h-9h)
26mm

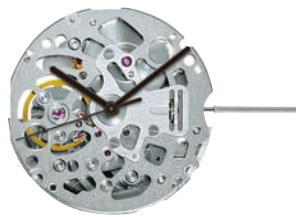


CASE SIZE (3h-9h)
27.8mm

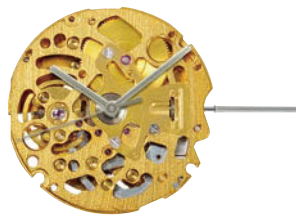
NH7 Series - Skeleton

12'''

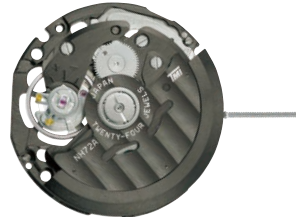
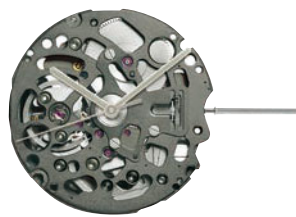
NH70
Height: 5.32mm
3 hands
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels
Côtes de Genève decorated rotor
Silver



NH71
Height: 5.32mm
3 hands
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels
Côtes de Genève decorated rotor
Gold



NH72
Height: 5.32mm
3 hands
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels
Côtes de Genève decorated rotor
Ruthenium Grey



Premium Chronograph Movement

Quartz Chronograph Mechanical Action



CASE SIZE (3h-9h)
41mm



CASE SIZE (3h-9h)
41mm



Instant Zero Reset of Chrono Hands

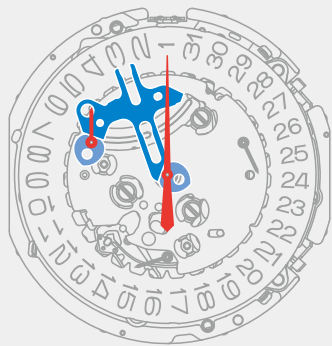


Centre 1/5 Chrono Second



Click Feeling Push Buttons

Three Pointed Hammer (Instant zero reset function)

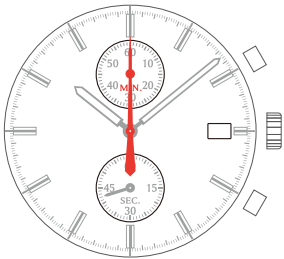


Three pointed hammer has once been exclusive to our mechanical chronographs.
VK premium chronograph series (quartz movements) inherit the technology, setting newly high standard for true chronographs.

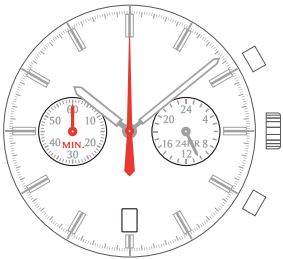
VK Series

13 1/2'''

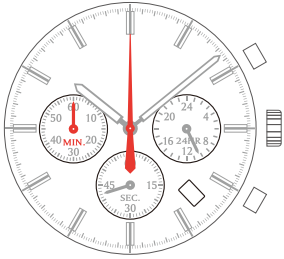
VK61 
Height: 5.10mm
Chrono (centre 1/5 sec, min)
Small second, date
Battery: 3 years (SR936SW)



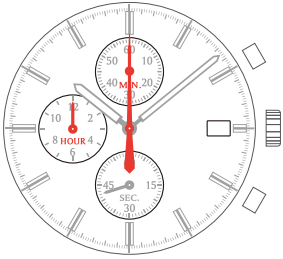
VK64 
Height: 5.10mm
Chrono (centre 1/5 sec, min)
24 hour, date
Battery: 3 years (SR936SW)



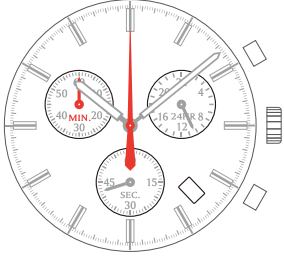
VK63 
Height: 5.10mm
Chrono (centre 1/5 sec, min)
24 hour, small second, date
Battery: 3 years (SR936SW)



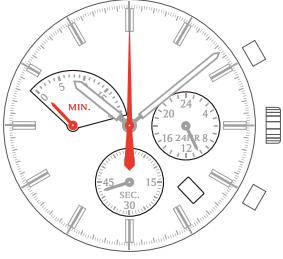
VK67 
Height: 5.10mm
Chrono (centre 1/5 sec, min, hr)
Small second, date
Battery: 3 years (SR936SW)



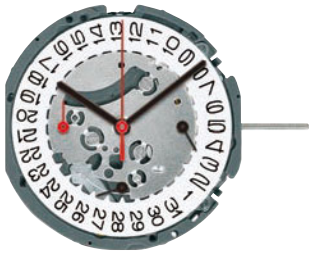
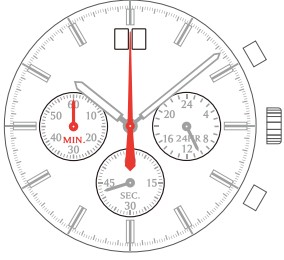
VK68 
Height: 5.10mm
Chrono (centre 1/5 sec, min)
24 hour, small second, date
Battery: 3 years (SR936SW)



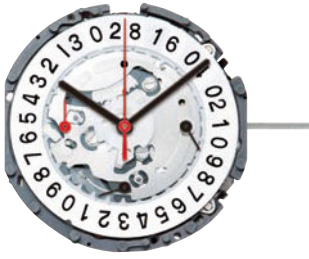
VK83 
Height: 5.10mm
Chrono (centre 1/5 sec, min)
24 hour, small second, date
Battery: 3 years (SR936SW)



VK73
Height: 5.90mm
Chrono (centre 1/5 sec, min)
24 hour, small second, date
Battery: 3 years (SR936SW)
 B.C. Calendar



VK63



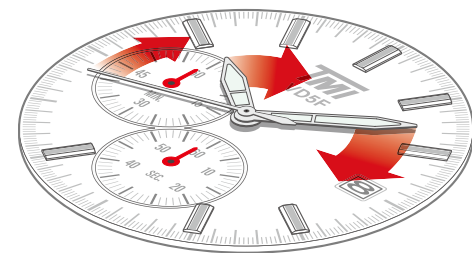
VK73

Standard Chronograph Movement

Strong Hand Torque

(measure : unbalance weight)

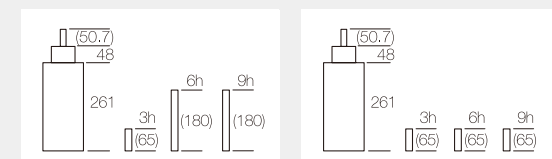
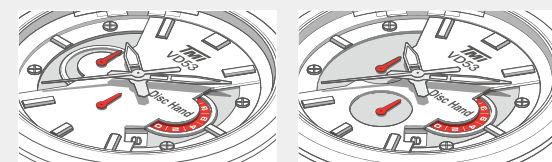
Hour hand	0.60μN·m
Minute hand	0.90μN·m
Second hand	0.09μN·m



Super High Hand

VD53

Unit : 1/100mm



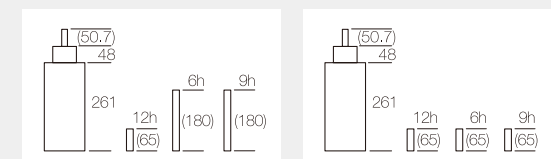
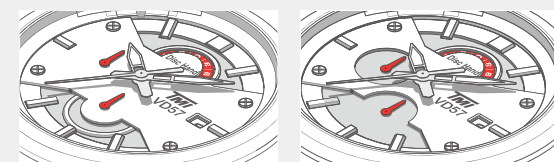
Type LLA

Type LLB

* Dimensions in () are for reference only.

VD57

Unit : 1/100mm



Type LLA

Type LLB

* Dimensions in () are for reference only.



CASE SIZE (3h-9h)
40mm



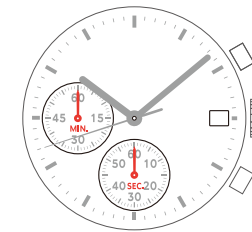
CASE SIZE (3h-9h)
42mm

VD5 Series

12³/₄"

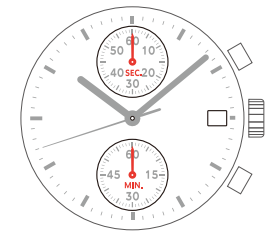
VD5F HS

Height: 4.57mm
Chrono (sec, 60 min)
Date
Battery: 3 years (SR920SW)



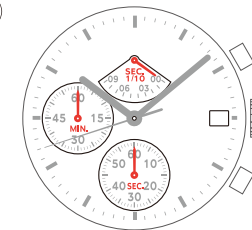
VD51 HS

Height: 4.57mm
Chrono (sec, 60 min)
Date
Battery: 3 years (SR920SW)



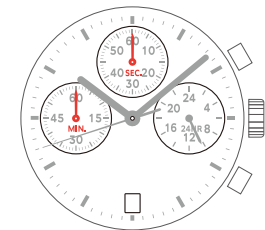
VD50 HS

Height: 4.57mm
Chrono (1/10 sec, sec, 60 min)
Date
Battery: 3 years (SR920SW)



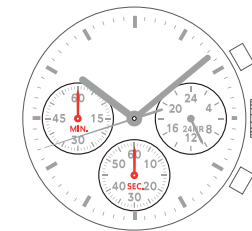
VD52 HS

Height: 4.57mm
Chrono (sec, 60 min)
24 hour, date
Battery: 3 years (SR920SW)



VD54 H

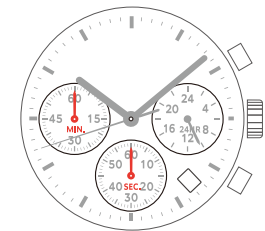
Height: 3.97mm
Chrono (sec, 60 min)
24 hour
Battery: 3 years (SR920SW)



VD53 HS

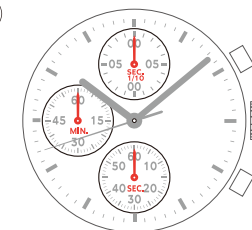
Height: 4.57mm
Chrono (sec, 60 min)
24 hour, date
Battery: 3 years (SR920SW)

Super High Hand



VD55 H

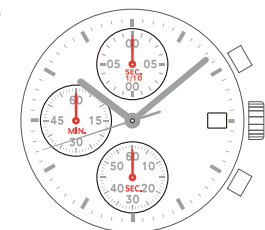
Height: 3.97mm
Chrono (1/10 sec, sec, 60 min)
24 hour
Battery: 3 years (SR920SW)



VD57 HS

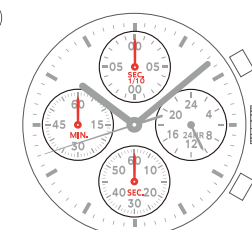
Height: 4.57mm
Chrono (1/10 sec, sec, 60 min)
Date
Battery: 3 years (SR920SW)

Super High Hand



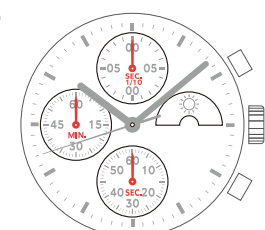
VD56 H

Height: 3.97mm
Chrono (1/10 sec, sec, 60 min)
24 hour
Battery: 3 years (SR920SW)



VD59 HS

Height: 4.57mm
Chrono (1/10 sec, sec, 60 min)
Sun & moon
Battery: 3 years (SR920SW)



Country of Origin: VD5 Series - Japan

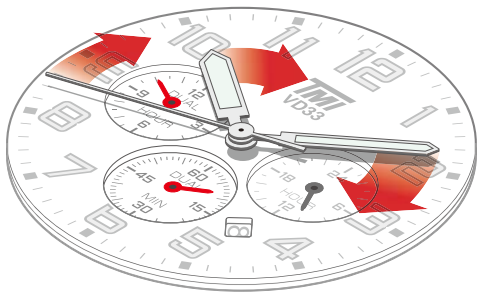
H hand height options: P21-P22 S stem length options: P23
Super High Hand Type LLA, Type LLB hand height options available

Dual Time Movement

Strong Hand Torque
Dual Time Movement with Pushers



CASE SIZE (3h-9h)
40mm



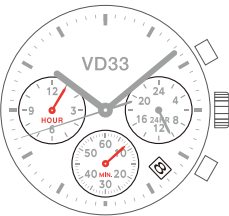
(measure : unbalance weight)

Hour hand	0.60μN·m
Minute hand	0.90μN·m
Second hand	0.09μN·m

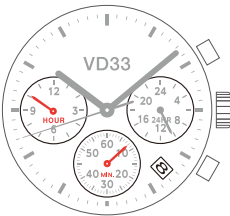
2nd Time Zone Indication



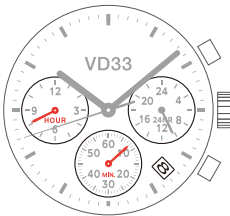
London
01:08 AM



Tokyo
10:08 AM



New York
08:08 PM

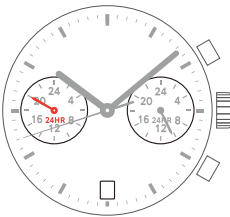


Compatible with VD5 Standard Chronograph Movements

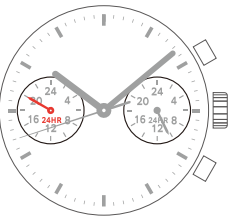
VD3 Series

12^{3/4}"

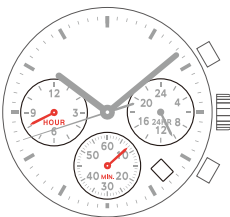
VD31
Height: 4.57mm
Dual time
Local time: 3 hands, 24 hr, date
2nd time: 24 hr
Battery: 3 years (SR920SW)



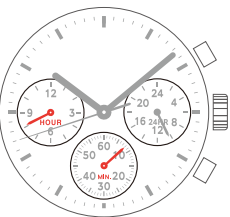
VD32
Height: 3.97mm
Dual time
Local time: 3 hands, 24 hr
2nd time: 24 hr
Battery: 3 years (SR920SW)



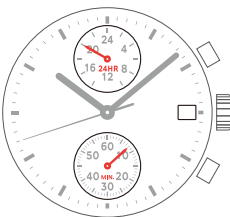
VD33
Height: 4.57mm
Dual time
Local time: 3 hands, 24 hr, date
2nd time: 12 hr, min
Battery: 3 years (SR920SW)



VD34
Height: 3.97mm
Dual time
Local time: 3 hands, 24 hr
2nd time: 12 hr, min
Battery: 3 years (SR920SW)



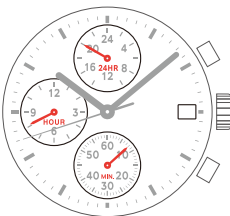
VD35
Height: 4.57mm
Dual time
Local time: 3 hands, date
2nd time: 24 hr, min
Battery: 3 years (SR920SW)



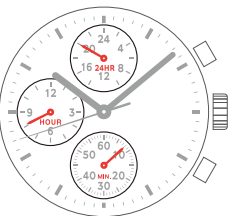
VD36
Height: 3.97mm
Dual time
Local time: 3 hands
2nd time: 24 hr, min
Battery: 3 years (SR920SW)



VD37
Height: 4.57mm
Dual time
Local time: 3 hands, date
2nd time: 12 hr, 24 hr, min
Battery: 3 years (SR920SW)



VD38
Height: 3.97mm
Dual time
Local time: 3 hands
2nd time: 12 hr, 24 hr, min
Battery: 3 years (SR920SW)



CASE SIZE (3h-9h)
40mm



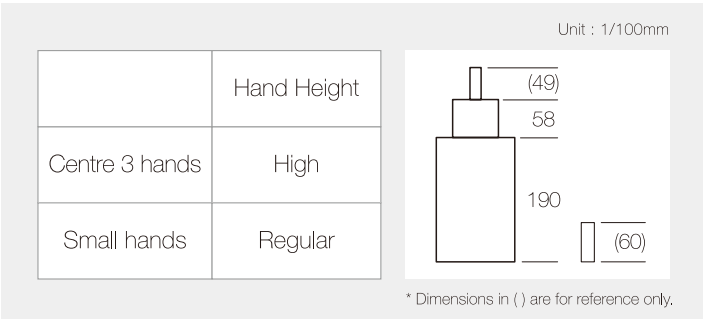
CASE SIZE (3h-9h)
42mm

Sweep Second Movement

Hand Height Combination: Type LA



CASE SIZE (3h-9h)
39.7mm



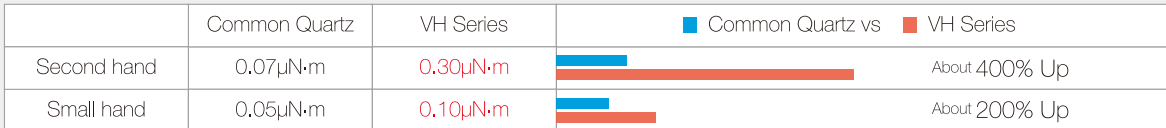
Available For VH60 and VH63

Sweep Second

Centre second hand moves 4 times per second
resembles mechanical movement.



Strong Hand Torque (measure : unbalance weight)



internal product comparison



CASE SIZE (3h-9h)
29mm



CASE SIZE (3h-9h)
40mm

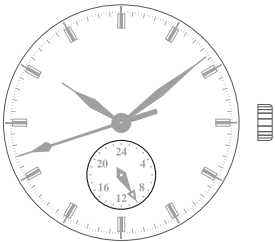


CASE SIZE (3h-9h)
43mm

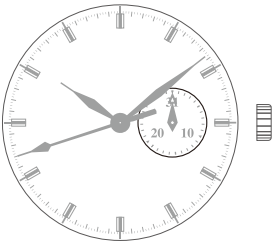
VH Series

10 1/2'''

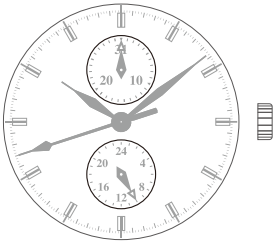
VH60
Height: 3.45mm
Sweep second
Multi-eye (24 hr)
Battery: 2 years (SR920SW)
Type LA



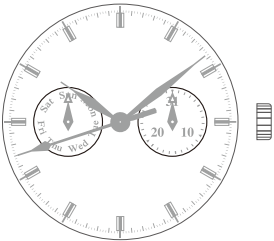
VH65
Height: 3.45mm
Sweep second
Multi-eye (date)
Battery: 2 years (SR920SW)



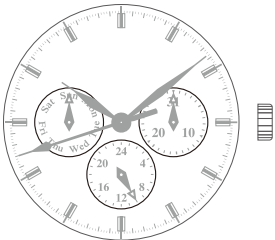
VH61
Height: 3.45mm
Sweep second
Multi-eye (date, 24 hr)
Battery: 2 years (SR920SW)
Type S



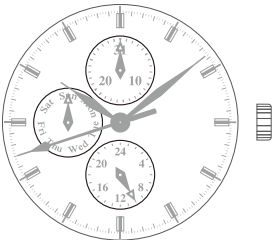
VH64
Height: 3.45mm
Sweep second
Multi-eye (day, date)
Battery: 2 years (SR920SW)
Type S



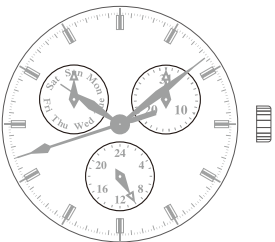
VH63
Height: 3.45mm
Sweep second
Multi-eye (day, date, 24 hr)
Battery: 2 years (SR920SW)
Type LA Type S



VH67
Height: 3.45mm
Sweep second
Multi-eye (day, date, 24 hr)
Battery: 2 years (SR920SW)
Type S

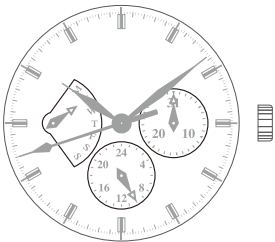


VH68
Height: 3.45mm
Sweep second
Multi-eye (day, date, 24 hr)
Battery: 2 years (SR920SW)

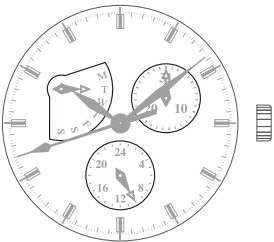


VH63

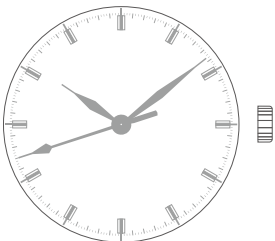
VH83
Height: 3.45mm
Sweep second
Multi-eye (day, date, 24 hr)
Battery: 2 years (SR920SW)



VH88
Height: 3.45mm
Sweep second
Multi-eye (day, date, 24 hr)
Battery: 2 years (SR920SW)



VH31
Height: 3.45mm
Sweep second
3 hands
Battery: 2 years (SR920SW)



Country of Origin: VH Series - Japan

hand height options: P.21-P.22 stem length options: P.23
Type LA Type S Type LA/ Type S hand height options available

Slim / Small Movement



2 Hands



3 Hands



2 Hands / Date



3 Hands / Date



3 Hands / Day-Date



3 Hands / Wide Day-Date



3 Hands / Big Calendar

6³/₄'''

VJ20 
Height: 2.28mm
Battery: 3 years (SR621SW)



VJ21 
Height: 2.28mm
Battery: 3 years (SR621SW)



VJ24 
Height: 2.71mm
Battery: 3 years (SR621SW)



VJ22 
Height: 2.71mm
Battery: 3 years (SR621SW)



VJ23 
Height: 2.94mm
Battery: 3 years (SR621SW)



8³/₄'''

VJ14 
Height: 2.71mm
Battery: 3 years (SR621SW)



VJ12 
Height: 2.71mm
Battery: 3 years (SR621SW)



10¹/₂'''

VJ34 
Height: 2.71mm
Battery: 3 years (SR621SW)



VJ32 
Height: 2.71mm
Battery: 3 years (SR621SW)



VJ33 
Height: 2.94mm
Battery: 3 years (SR621SW)

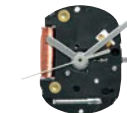


4³/₄'''

VC00 
Height: 2.38mm
Battery: 3 years (SR621SW)



VC01 
Height: 2.38mm
Battery: 3 years (SR621SW)



11¹/₂'''

VJ42
Height: 2.71mm
Battery: 3 years (SR621SW)



VJ43
Height: 2.94mm
Battery: 3 years (SR621SW)



VJ45
Height: 2.94mm
Battery: 3 years (SR621SW)



VJ76 
Height: 3.50mm
Battery: 3 years (SR621SW)




5¹/₂'''

VC10 
Height: 2.38mm
Battery: 3 years (SR621SW)



VC11 
Height: 2.38mm
Battery: 3 years (SR621SW)



12¹/₂'''

VJ52
Height: 2.71mm
Battery: 3 years (SR621SW)



VJ53
Height: 2.94mm
Battery: 3 years (SR621SW)



VJ55
Height: 2.94mm
Battery: 3 years (SR621SW)





CASE SIZE (3h-9h)
22mm

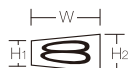


CASE SIZE (3h-9h)
40mm

Trapezium shape window is available for VJ42 / VJ52

VJ42	W = 410 H ₁ = 145, H ₂ = 225
VJ52	W = 450 H ₁ = 160, H ₂ = 250

* Unit : 1/100mm



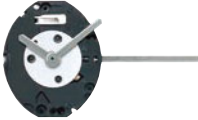
Standard Movement



5½"

PC10
Height: 3.15mm
Battery: 2 years (SR527SW)

PC11
Height: 3.15mm
Battery: 2 years (SR527SW)



6¾x8"

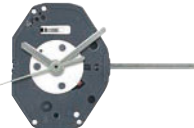
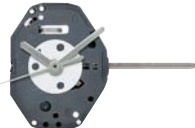
Our PC21J movement with gold "JAPAN" marking indicates that it is "Made In Japan"

- RoHS compliant
- High accuracy
- Grey color
- Mercury / lead free battery
- 3-year life battery



PC21J 
Height: 3.15mm
Battery: 3 years (SR626SW)

PC21AE/AF 
Height: 3.15mm
Battery: 2 years (SR626SW)



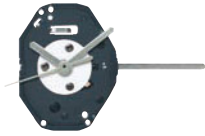
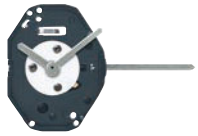
PC21		
 PC21J (35) 40 85	 PC21AE (35) 46 119	 PC21AF (35) 35 280

PC20S 
Height: 3.15mm
Battery: 2 years (SR626SW)

PC21S 
Height: 3.15mm
Battery: 2 years (SR626SW)

PC22
Height: 4.15mm
Battery: 3 years (SR626SW)

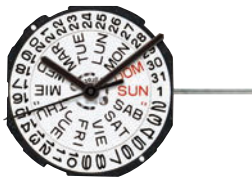
PC23
Height: 4.15mm
Battery: 3 years (SR626SW)



10½"

PC32
Height: 4.15mm
Battery: 3 years (SR626SW)

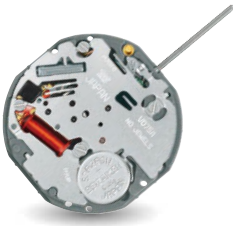
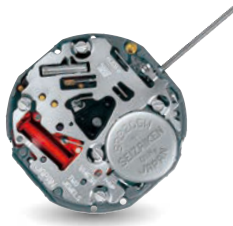
PC33
Height: 4.15mm
Battery: 3 years (SR626SW)



Care for Quality | Care for Nature

We pursue a better environment by removing the hazardous mercury and lead from all movements' batteries since 2008.

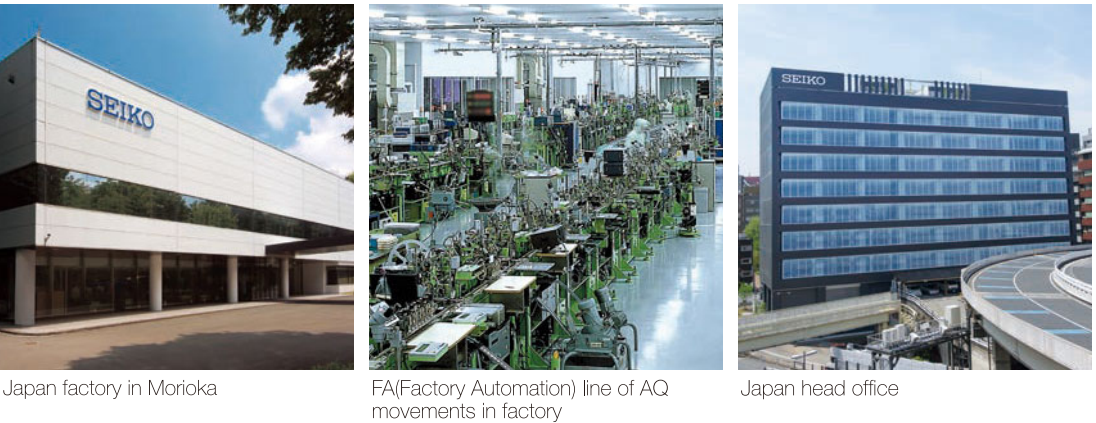






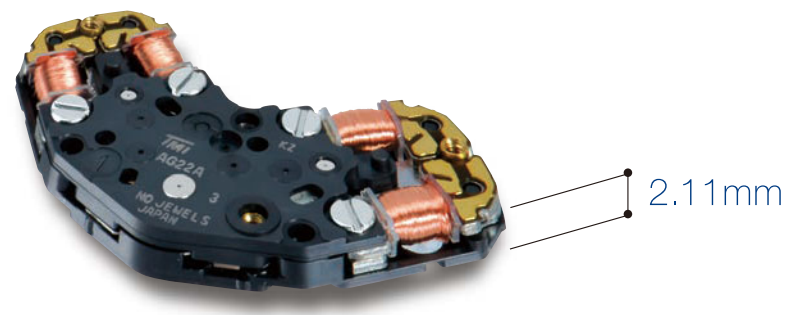






Premium Gearbox — AG Series

- Slim & Small
- Each hand moves independently and bidirectionally
- Twin-coil structure (two coils per hand)
 - The twin-coil structure reinforces the bidirectional hand motion



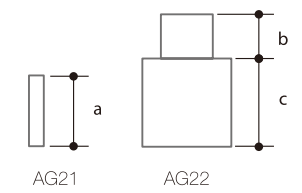
AG21

1 indicator hand
Twin-coil
Size : 11.29 X 7.52mm
Height : 2.11mm (overlay structure)
2.00mm (plug-in structure)

AG22 H

2 hands
Twin-coil
Size : 18.70 X 10.90mm
Height : 2.11mm

Hand Specifications



	Hand	Step / round	Unbalance weight	Hand height		
					Type M	Type L
AG21	Indicator hand	360	0.60μN·m	a	(78)	
	Minute hand	360	0.60μN·m	b	50	50
AG22	Hour hand	360	0.60μN·m	c	100	145

* All above hands can be driven to show functions other than time indication. "Hour" and "minute" are stated above just for ease of explanation.

Examples of Gearbox Applications



Country of Origin: AG Series - Japan

H hand height options: P.21-P.22

Gearbox is a system of gears and motors

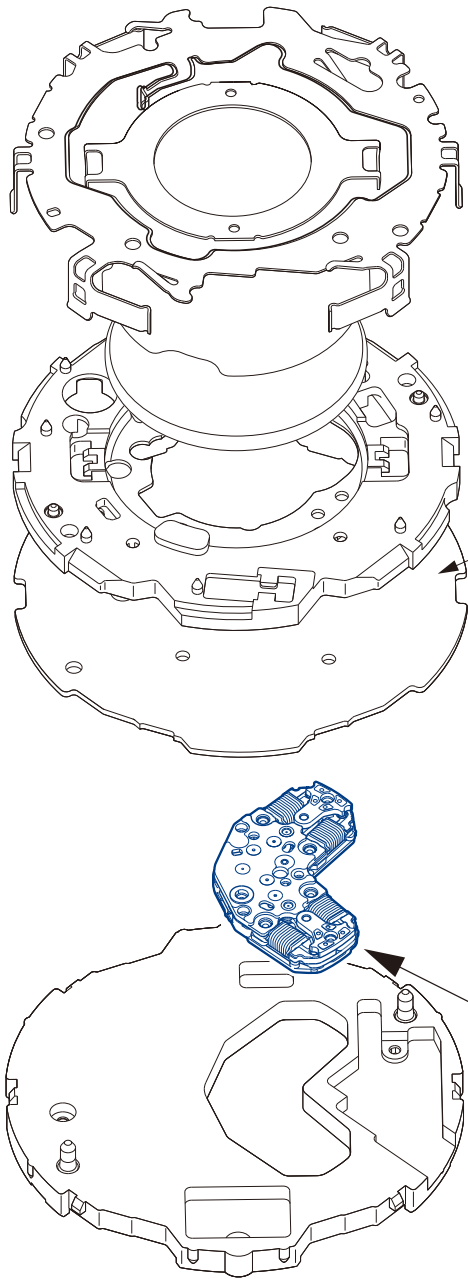
The time has come when you can decide on what your watch can do for your customers.

Now, you can develop your own module with functions you want. Integrate it with our Gearbox, the system drives each watch hand to run independently and bidirectionally (i.e. in both clockwise and anti-clockwise directions), to perform different functions: counting steps, notifications, world time... up to your choice.



Examples of functions that can be built with your module

Your Module + Our Gearbox



Two Ways to Mount your PCB (Printed Circuit Board)

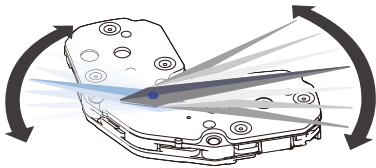
Plug-in Structure
Make it even SLIMMER

	Thickness
h : Gearbox Total	AG21 : 2.00mm AG22 : 2.11mm
h' : Dial to PCB	1.51mm

Overlay Structure

	Thickness
h : Gearbox Total	2.11mm
h' : Dial to PCB	

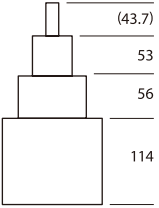
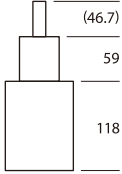
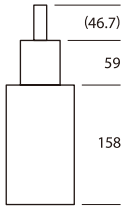
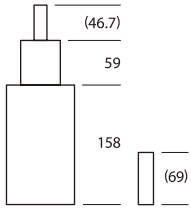
Gearbox



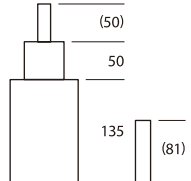
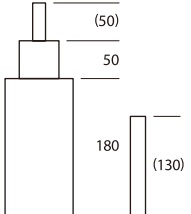
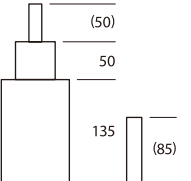
Each hand is controlled by a separate motor in the Gearbox. Each motor receives signals from the module and drives the hand to move independently.

Hand Height Options

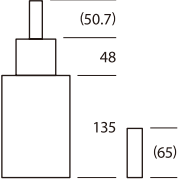
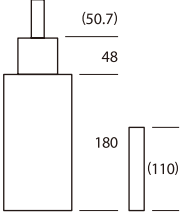
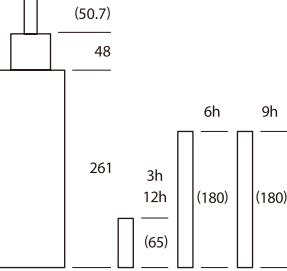
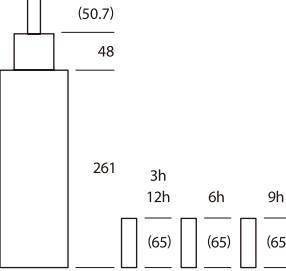
Standard Mechanical Movement

NH34		NH35 / NH36 / NH38 / NH70 / NH71 / NH72		NH37 / NH39	
M		M	L	M	
					
(43.7)		(46.7)	(46.7)	(46.7)	
53		59	59	59	
56				158	
114		118		(69)	

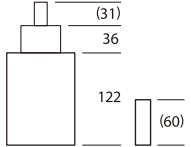
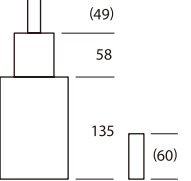
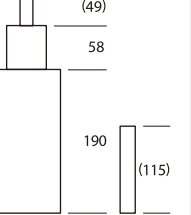
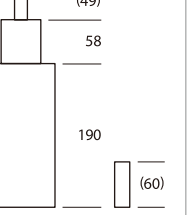
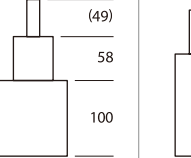
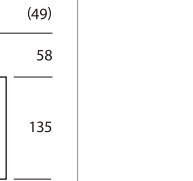
Premium Chronograph Movement

VK61 / VK63 / VK64 / VK67 / VK68 / VK83		VK73	
L	LL	M	
			
(50)	(50)	(50)	
50	50	50	
135	180	135	
(81)	(130)	(85)	

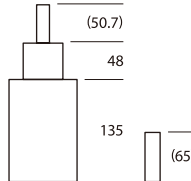
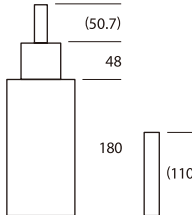
Standard Chronograph Movement

VD5 Series			
M	L	LLA	LLB
			
(50.7)	(50.7)	(50.7)	(50.7)
48	48	48	48
135	180	261	261
(65)	(110)	3h 12h (180) 6h 9h (180)	3h 12h (65) 6h (65) 9h (65)

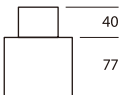
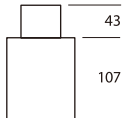
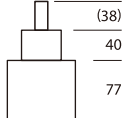
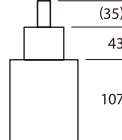
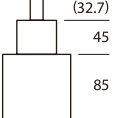
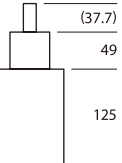
Sweep Second Movement

VH6 Series / VH8 Series				VH31	
S	M	L	LA	M	L
					
(31)	(49)	(49)	(49)	(49)	(49)
36	58	58	58	58	58
122	135	190	190	100	135
(60)	(60)	(115)	(60)		

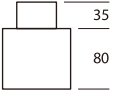
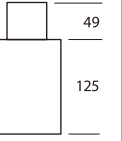
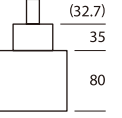
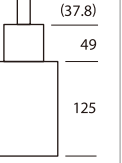
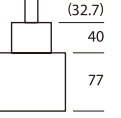
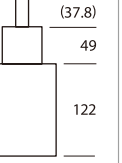
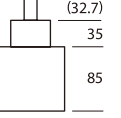
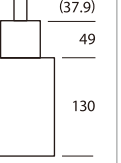
Dual Time Movement

VD3 Series	
M	L
	
(50.7)	(50.7)
48	48
135	180
(65)	(110)

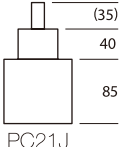
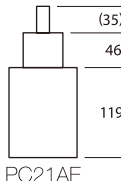
Slim / Small Movement

VC00 / VC10		VC01 / VC11		VJ76	
M	L	M	L	M	L
					
40	43	(38)	(35)	(32.7)	(37.7)
77	107	40	43	45	49
		77	107	85	125

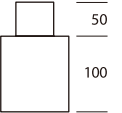
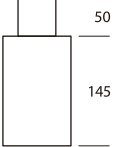
Slim / Small Movement

VJ20		VJ21		VJ12 / VJ22 / VJ32		VJ23 / VJ33	
M	L	M	L	M	L	M	L
							
35	49	(32.7)	(37.8)	(32.7)	(37.8)	(32.7)	(37.9)
80	125	35	49	40	49	35	49
		80	125	77	122	85	130

Standard Movement

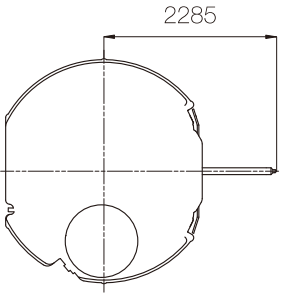
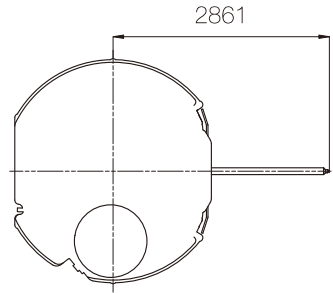
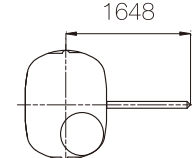
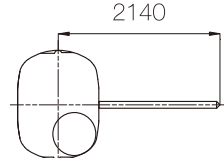
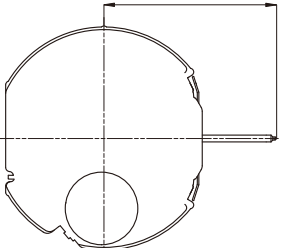
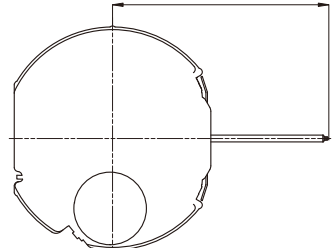
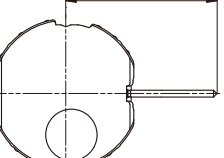
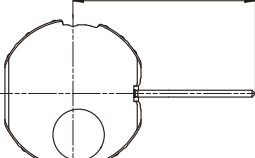
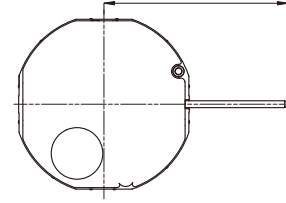
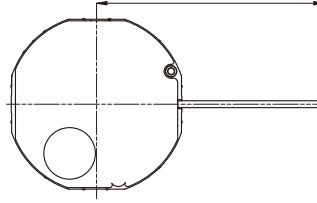
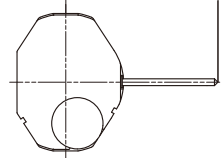
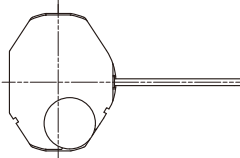
PC21		
		
(35)	(35)	(35)
40	46	35
85	119	280

Premium Gearbox

AG22	
M	L
	
50	50
100	145

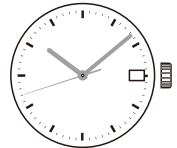
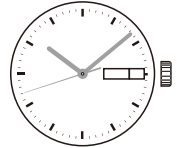
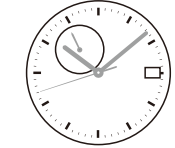
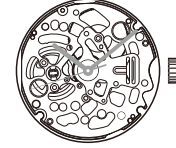
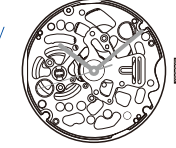
* Dimensions in () are for reference only. * Unit : 1/100mm

Stem Length Options

VD5F / VD50 / VD51 / VD52 / VD53 / VD57 / VD59		VC Series	
Standard	Long	Standard	Long
			
VD31 / VD33 / VD35 / VD37		VJ12 / VJ14 / VJ22 / VJ23 / VJ24 / VJ32 / VJ33 / VJ34	
Standard	Long	Standard	Long
			
VH Series		PC20S / PC21S / PC21J	
Standard	Long	Standard	Long
			

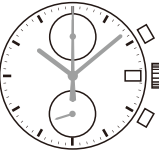
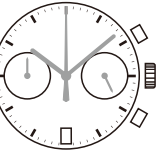
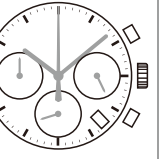
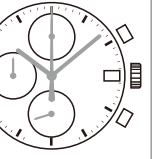
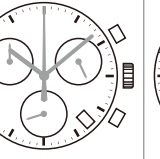
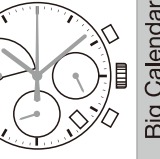
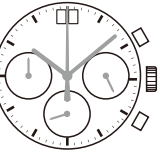
* Unit : 1/100mm

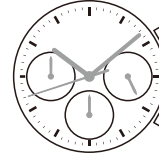
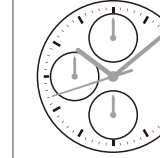
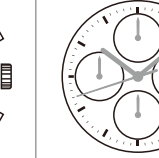
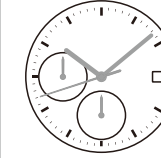
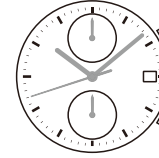
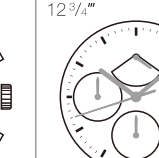
Mechanical Movements – Index

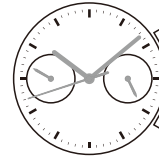
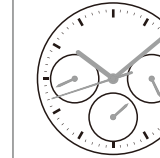
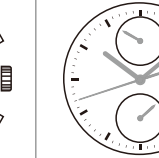
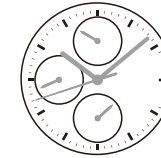
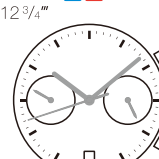
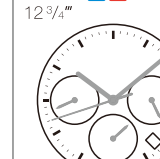
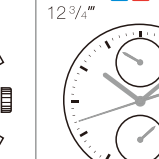
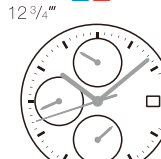
Premium Mechanical Movement			
Chronograph	NE86 12½"	NE88 12½"	NE20 12"
	 Height : 7.62 mm	 Height : 7.62 mm	 Height : 6.15 mm
Power Reserve		NE57 12"	 Height : 6.63 mm
Standard Mechanical Movement			
Date	NH05 7¾"	NH35  12"	 Height : 5.32 mm
	 Height : 5.92 mm		
Day - Date	NH06 7¾"	NH36  12"	 Height : 5.32 mm
	 Height : 5.92 mm		
Function	NH34 12"	NH37 12"	NH38  12"
	 Height : 5.32 mm	 Height : 5.32 mm	 Height : 5.32 mm
Skeleton	NH70  12" Silver	NH71  12" Gilt	NH72  12" Ruthenium grey
	 Height : 5.32 mm	 Height : 5.32 mm	 Height : 5.32 mm

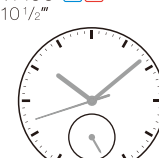
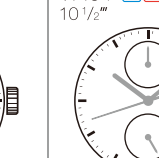
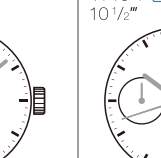
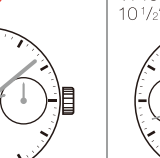
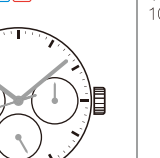
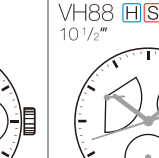
[H] hand height options: P.21-P.22

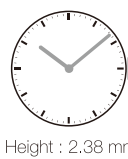
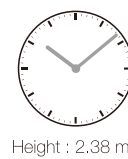
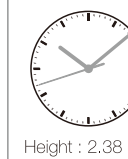
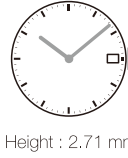
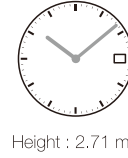
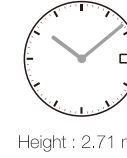
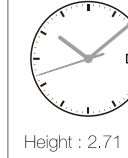
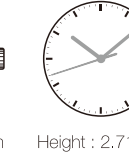
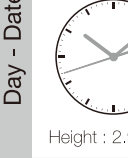
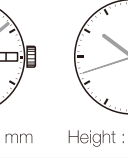
Quartz Movements / Gearbox-Index

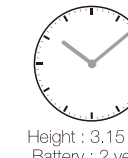
Premium Chronograph Movement						Battery : 3 years
Date	VK61  13 1/2"	VK64  13 1/2"	VK63  13 1/2"	VK67  13 1/2"	VK68  13 1/2"	VK83  13 1/2"
						
Big Calendar						VK73  13 1/2"
						
Height : 5.10 mm						Height : 5.90 mm

Standard Chronograph Movement						Battery : 3 years
No Date	VD54  12 3/4"	VD55  12 3/4"	VD56  12 3/4"	VD5F  12 3/4"	VD51  12 3/4"	
						
Date	VD53  12 3/4"	VD57  12 3/4"	VD50  12 3/4"	VD52  12 3/4"	VD59  12 3/4"	
						
Height : 3.97 mm						Height : 4.57 mm
Sun & Moon						

Dual Time Movement				Battery : 3 years
No Date	VD32  12 3/4"	VD34  12 3/4"	VD36  12 3/4"	VD38  12 3/4"
				
Date	VD31  12 3/4"	VD33  12 3/4"	VD35  12 3/4"	VD37  12 3/4"
				
Height : 3.97 mm				Height : 3.97 mm
Height : 4.57 mm				Height : 4.57 mm

Sweep Second Movement						Battery : 2 years
Multi - eye	VH60  10 1/2"	VH65  10 1/2"	VH61  10 1/2"	VH64  10 1/2"	VH63  10 1/2"	VH67  10 1/2"
						
Retrograde	VH68  10 1/2"	VH83  10 1/2"	VH88  10 1/2"	VH31  10 1/2"		
						
Height : 3.45 mm						Height : 3.45 mm
3 Hands						

Slim / Small Movement						Battery : 3 years
2 Hands / 3 Hands	VC00  4 3/4"	VC10  5 1/2"	VJ20  6 3/4 x 8"	VC01  4 3/4"	VC11  5 1/2"	VJ21  6 3/4 x 8"
						
Date	VJ24  6 3/4 x 8"	VJ14  8 3/4"	VJ34  10 1/2"	VJ22  6 3/4 x 8"	VJ12  8 3/4"	VJ32  10 1/2"
						
Big Calendar	VJ76  11 1/2"	VJ23  6 3/4 x 8"	VJ33  10 1/2"	VJ43  11 1/2"	VJ53  12 1/2"	VJ45  11 1/2"
						
Day - Date						
Height : 2.38 mm						Height : 2.28 mm
Height : 2.71 mm						Height : 2.71 mm
Height : 3.50 mm						Height : 2.94 mm

Standard Movement						Battery : 2 years/ 3 years
2 Hands / 3 Hands	PC10  5 1/2"	PC20S  6 3/4 x 8"	PC11  5 1/2"	PC21S  6 3/4 x 8"	PC21J  6 3/4 x 8"	PC21AE  6 3/4 x 8"
						
Date	PC22  6 3/4 x 8"	PC32  10 1/2"	PC23  6 3/4 x 8"	PC33  10 1/2"		
						
Day - Date						
Height : 3.15 mm						Height : 3.15 mm
Battery : 2 years						Battery : 2 years
Height : 4.15 mm						Height : 4.15 mm
Battery : 3 years						Battery : 3 years

Premium Gearbox	
1 Hand	AG21  11.29 X 7.52mm
2 Hands	AG22  18.70 X 10.90mm
1 Hand	Height : 2.11 mm
2 Hands	Height : 2.11 mm

* Specifications of the products in this catalogue are subject to change without notice.  hand height options: P.21-P.22  stem length options: P.23