

Motorized Stage Update

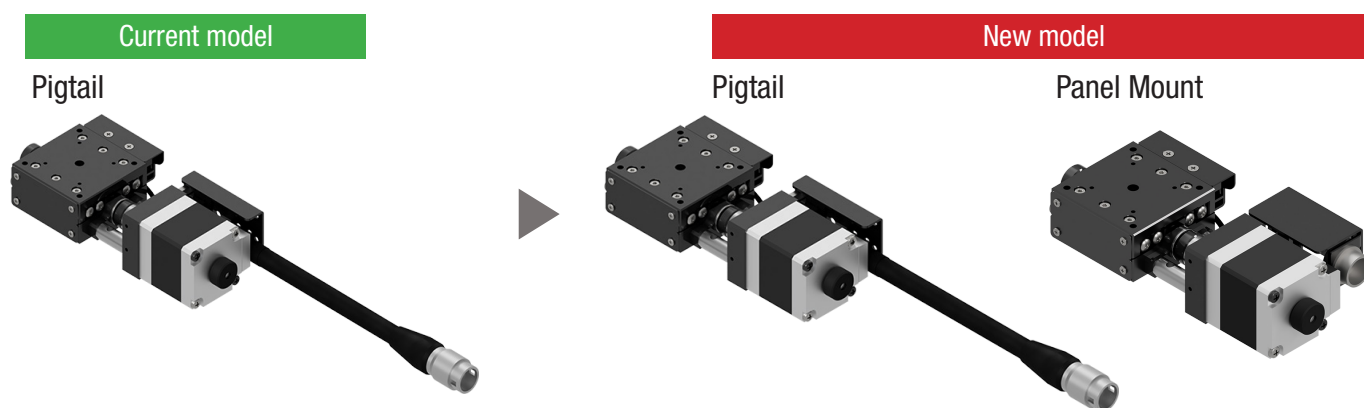
Motorized Goniometer Stage : KGW04/KGW06

Precision specifications and Price unchanged by the update.
2-axis (KAW04/KAW06) changes as same as 1-axis(KGW04/KGW06).

Specification changes/Improvements

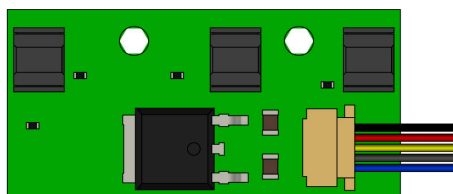
- ① Additional connector option
- ② Improved sensor board
- ③ Back of top plate
- ④ Dimensions
- ⑤ Model code system

① Additional connector option



Added panel mount specifications.
You can choose according to the usage situation such as cable routing and installation space.

② Improved sensor board



Photosensor : EE-SX4320

Power-supply voltage	DC5-24V $\pm 10\%$
Control output (※)	DC5-24V 8mA or less

※ NPN open collector output.

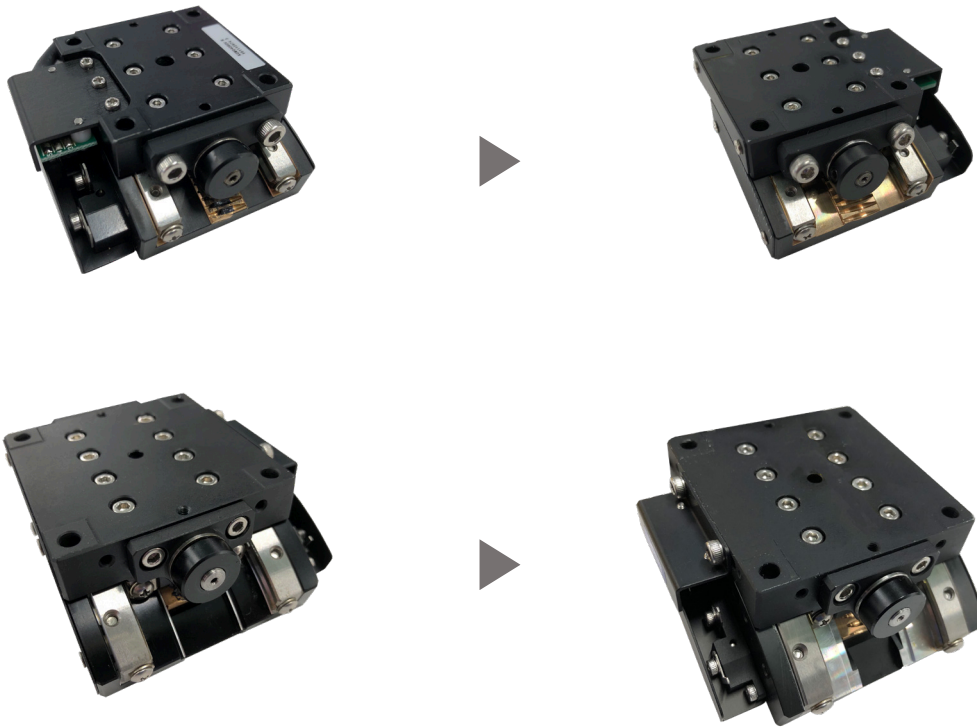
DC5-24V $\pm 5\%$
DC30V 10mA or less

Added following function.
Reverse power supply connection protection, overcurrent protection function on the sensor board
We aim to reduce failures and defects due to incorrect wiring.

Motorized Stage Update

Motorized Goniometer Stage : KGW04/KGW06

③ Back of top plate



Change the surface treatment on the back of the goniometer stage top plate. This change does not affect performance or quality.

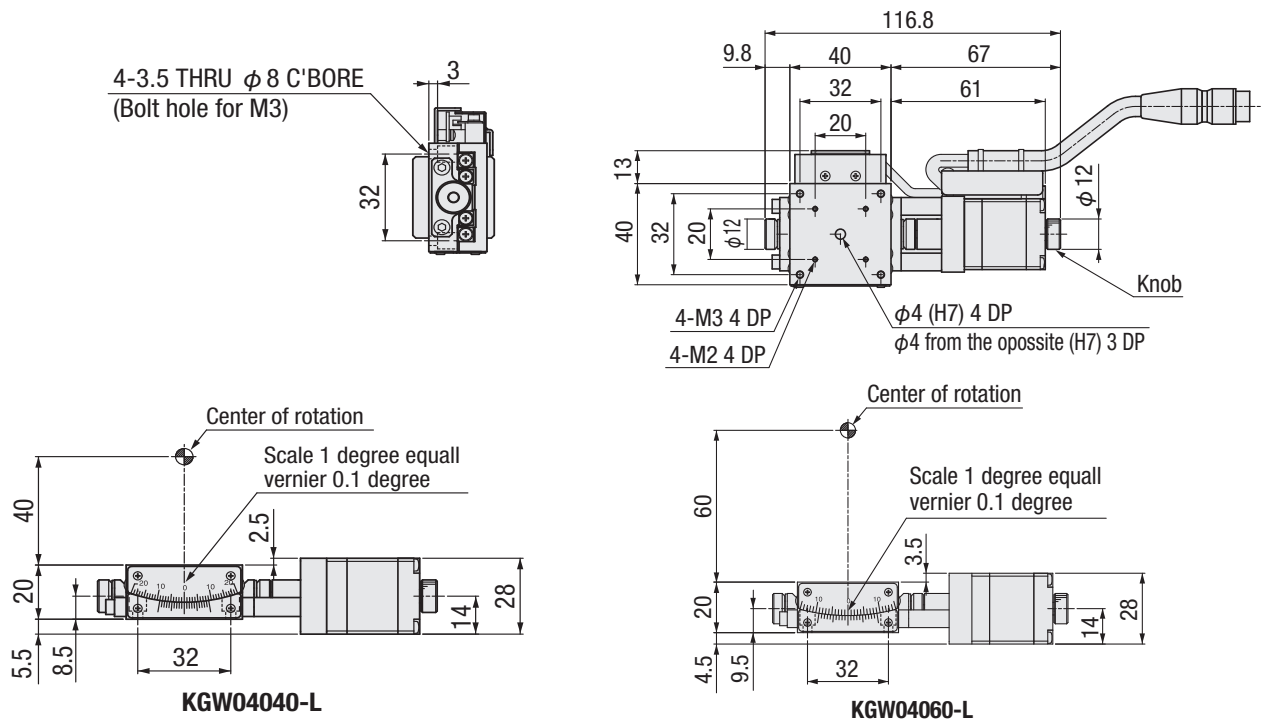
Motorized Stage Update

Motorized Goniometer Stage : KGW04

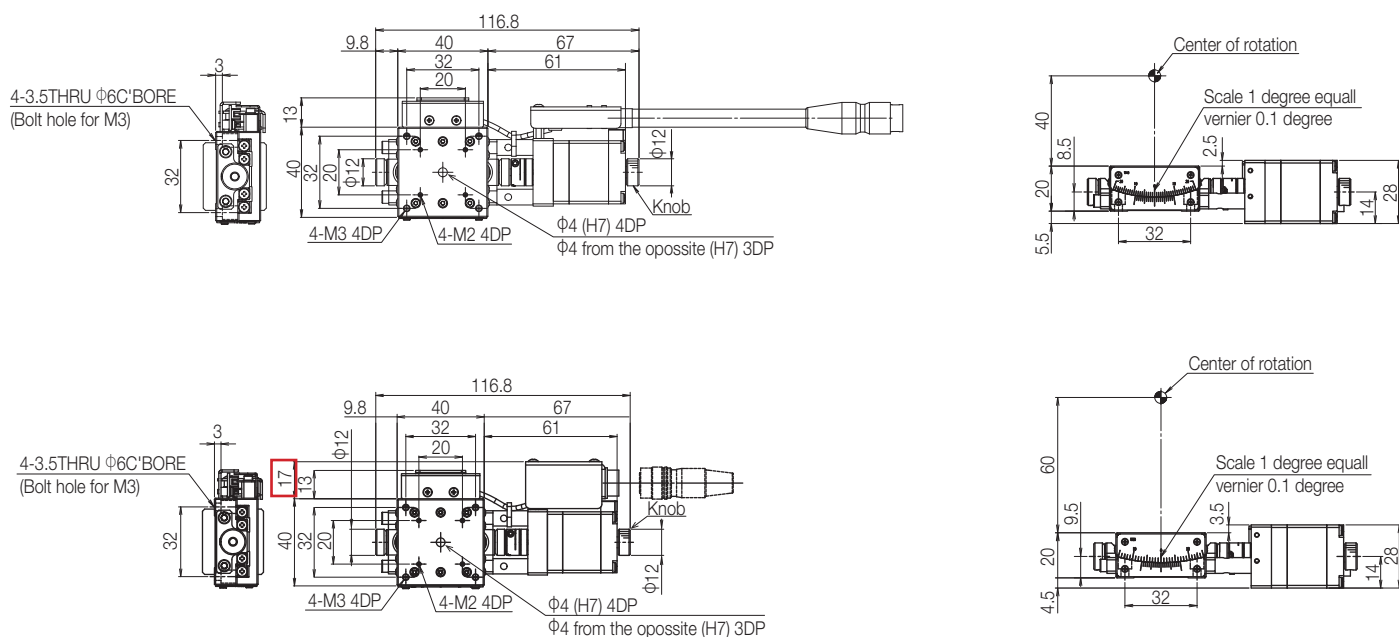
④ Dimensions

※ For dimensions other than those specified, please contact us for further information.

Current model



New model

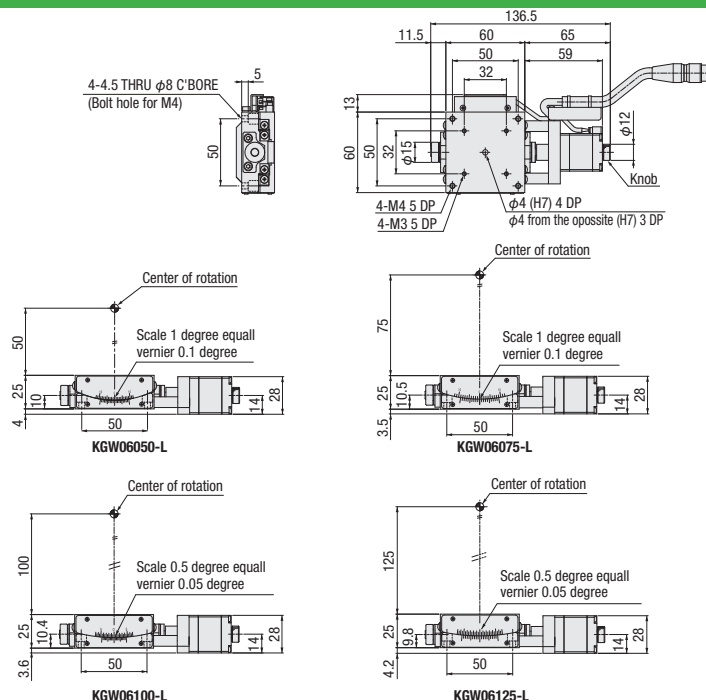


Motorized Goniometer Stage : KGW06

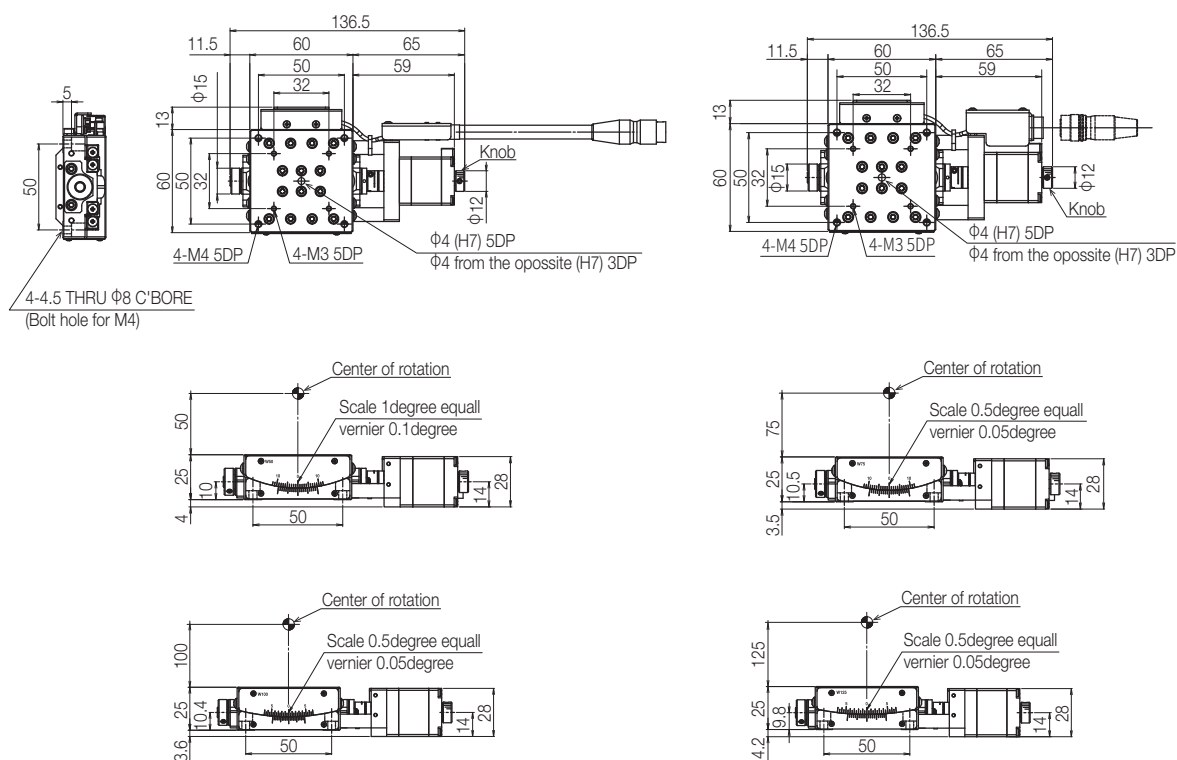
④ Dimensions

※ For dimensions other than those specified, please contact us for further information.

Current model



New model



Motorized Stage Update

Motorized Goniometer Stage : KGW04

⑤ Model code system

Current model

K GW04040 - ☐ ☐

1 2 3 4 5

1 Axis

G	1-axis
A	2-axis

2 Stage size

04	☐ 40mm
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3 Height of center rotation (W.D.)

040	40mm
060	60mm

※ 2-Axis [A] is available for only 040.

4 Sensor cover location

Code	Specification
L	L position
R	Opposite hand

5 Cable option

Code	Specification
Blank	Cable is not included (Standard)
A	2m
B	2m One end loose
C	4m
D	4m One end loose
E	Only connector (Cable is not included)
F	Robot cable 2m
G	Robot cable 2m one end loose
H	Robot cable 4m
J	Robot cable 4m one end loose

New model

K GW04040M - L C - ☐

1 2 3 4 5 6 7

1 Axis

G	1-axis
A	2-axis

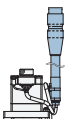
2 Stage size

04	☐ 40mm
----	-------------------------------

3 Height of center rotation (W.D.)

040	40mm
060	60mm

4 Connector specifications

T	Pigtail	
M	Panel Mount	

5 Sensor cover location

Code	Specification
L	L position
R	Opposite hand

6 Motor option

Code	Specification
C	Standard

7 Cable option

Code	Specification
Blank	Cable is not included (Standard)
A	2m
B	2m One end loose
C	4m
D	4m One end loose
E	Only connector (Cable is not included)
F	Robot cable 2m
G	Robot cable 2m one end loose
H	Robot cable 4m
J	Robot cable 4m one end loose

◆ Example of model code change

• KGW04040 - LA → KGW04040**T** - L**C** - A

Motorized Stage Update

Motorized Goniometer Stage : KGW06

⑤ Model code system

Current model

KGW 06050 - ☐ ☐

1 2 3 4 5

1 Axis

G	1-axis
A	2-axis

2 Stage size

06	☐ 60mm
----	-------------------------------

3 Height of center rotation (W.D.)

050	50mm
075	75mm
100	100mm
125	125mm

4 Sensor cover location

Code	Specification
L	L position
R	Opposite hand

5 Cable option

Code	Specification
Blank	Cable is not included (Standard)
A	2m
B	2m One end loose
C	4m
D	4m One end loose
E	Only connector (Cable is not included)
F	Robot cable 2m
G	Robot cable 2m one end loose
H	Robot cable 4m
J	Robot cable 4m one end loose

New model

K GW06050M - L C - ☐

1 2 3 4 5 6 7

1 Axis

G	1-axis
A	2-axis

2 Stage size

06	☐ 60mm
----	-------------------------------

3 Height of center rotation (W.D.)

050	50mm
075	75mm
100	100mm
125	125mm

6 Motor option

Code	Specification
C	Standard

7 Cable option

Code	Specification
Blank	Cable is not included (Standard)
A	2m
B	2m One end loose
C	4m
D	4m One end loose
E	Only connector (Cable is not included)
F	Robot cable 2m
G	Robot cable 2m one end loose
H	Robot cable 4m
J	Robot cable 4m one end loose

4 Connector specifications

T	Pigtail	
M	Panel Mount	

5 Sensor cover location

Code	Specification
L	L position
R	Opposite hand

◆ Example of model code change

• KGW06050 - LA → KGW06050**T** - L**C** - A

Motorized Stage Update

Motorless Goniometer Stage : KGW04V/KGW06V

⑤ Model code system

Current model

KGW04040 V - L - P28

1

2

3

1 Height of center rotation (W.D.)

040	40mm
060	60mm

2 Sensor cover location

Code	Specification
L	L position
R	Opposite hand

3 Application Motor

Code	Specification
P28	☐ 28 Stepping motor specification
S38	☐ 38 Servo motor specification
S40	☐ 40 Servo motor specification

New model

KGW04040 TV-LP28

1

2

3

4

1 Height of center rotation (W.D.)

040	40mm
060	60mm

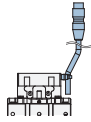
3 Sensor cover location

Code	Specification
L	L position
R	Opposite hand

4 Application Motor

Code	Specification
P28	☐ 28 Stepping motor specification
S38	☐ 38 Servo motor specification
S40	☐ 40 Servo motor specification

2 Connector specifications

T	Pigtail	
M	Panel Mount	

◆ Example of model code change

• KGW04040V - L - P28 → KGW04040TV - LP28

Current model

KGW06050 V - L - P28

1

2

3

1 Height of center rotation (W.D.)

050	50mm
075	75mm
100	100mm
125	125mm

2 Sensor cover location

コード	Specification
L	L position
R	Opposite hand

3 Application Motor

コード	Specification
P28	☐ 28 Stepping motor specification
S38	☐ 38 Servo motor specification
S40	☐ 40 Servo motor specification

New model

KGW06050 TV-LP28

1

2

3

4

1 Height of center rotation (W.D.)

050	50mm
075	75mm
100	100mm
125	125mm

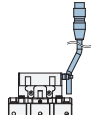
3 Sensor cover location

コード	Specification
L	L position
R	Opposite hand

4 Application Motor

コード	Specification
P28	☐ 28 Stepping motor specification
S38	☐ 38 Servo motor specification
S40	☐ 40 Servo motor specification

2 Connector specifications

T	Pigtail	
M	Panel Mount	

◆ Example of model code change

• KGW06050V - L - P28 → KGW06050TV - LP28