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## **Shin-G Series Compact Geared Motors** **Condenser label change accompanied by production** **location change.**

Thank you for your continued cooperation and support.

Hereby we would like to notify you about the change of condenser label contents.

We hope to your understanding in this matter.

### ■ Subject Models

Condensers for Shin-G Series motors, unit controllers and options.

Please refer to the summary tables separated by condenser capacity: Table 3-A, Table 3-B, Table 3-C.

### ■ Reason for the change

We will change production location for condensers

Before change: Japan                      After change: China.

### ■ Details of the change

Due to the change of production location, the contents of the label will change (see Table 1).

In addition, the UL No. for UL certified condensers will also change (see Table 2).

Because the label contents and the models involved are different according to the category of change, please check the table below.

This change applies only to label contents; there is no change to the shape, performance, or features of the condensers.

There are no changes to models not mentioned in Table 3-A, Table 3-B or Table 3-C.

### ■ Change schedule

These changes will be applied consequently from September 2015 production onwards.

Table 1: Details of changes to condenser labels and areas changed (Photos show typical condensers.)  
Changes will occur to the areas of the labels marked in yellow circles.

Change category	Old	New	Description of change
A	<p>SH-JPS VAC μF Lot code</p>	<p>SH-DPX VAC μF Lot code</p>	<p>The number after SH will change. JPS→DPX</p>
B	<p>SH-SPX VAC μF Lot code</p>	<p>SH-DPX VAC μF Lot code</p>	<p>The number after SH will change. SPX→DPX</p>
C	<p>Previous UL certification No. UL PART NO. VAC μF 70 °C 10000AFC PROTECTED 50/60 Hz JAPAN</p>	<p>Changed UL certification No. UL PART NO. VAC μF 70 °C 10000AFC PROTECTED 50/60 Hz CHINA</p>	<p><u>UL certified condenser</u></p> <p>The UL No. will change. Note: Refer to Table 2.</p> <p>JAPAN→CHINA</p>

Table 2: Change of UL No. of UL certified condensers  
(Extra information for Change Category C in Table 1)

Condenser		Old UL No.	New UL No.
Capacity (μF)	Voltage (V)		
1.3	200	JSU20X135AQA	SPU20X135AQSA
2.0	200	JSU20X205AQA	SPU20X205AQSA
2.5	200	JSU20X255AQA	SPU20X255AQSA
3.0	200	JSU20X305AQA	SPU20X305AQSA
3.5	200	JSU20X355AQA	SPU20X355AQSA
4.0	200	JSU20X405AQA	SPU20X405AQSA
4.5	200	JSU20X455AQA	SPU20X455AQSA
6.0	200	JSU20X605AQA	SPU20X605AQSA
7.0	200	JSU20X705AQA	SPU20X705AQSC
9.5	200	JSU20X955AQA	SPU20X955AQSA
10	200	JSU20X106AQA	SPU20X106AQSA
25	200	JSU20X256AQA	SPU20X256AQSA
15	210	JSU21X156AQD	SPU21X156AQSF

Table 3-A: List of Condensers and Models Subject to Change by Change Category

Change category	Condenser		Model subject to change		
	Capacity (μF)	Voltage (V)	Motor	Unit controller	Optional condenser
A	1.5	200	M41A3G2L, M41A3S2L, M4RA1G4L, M4RA1S4L		M0PC1.5M20
	5.0	200	M71X15GV4L, M71X15HV4L, M71X15SV4LS		M0PC5M20
	8.0	200	M81X25GV4L, M81X25HV4L, M81X25SV4LS		M0PC8M20
	12	200	M81X60S2LS, M91X40GV4L, M91X40HV4L, M91X40SV4LS		M0PC12M20
	14	200	M91X60S2LS		M0PC14M20

Table 3-B: List of Condensers and Models Subject to Change by Change Category

Change category	Condenser		Model subject to change		
	Capacity (μF)	Voltage (V)	Motor	Unit controller	Optional condenser
B	7.5	370	M9RZ90G4Y, M9RZ90GB4Y, M9RZ90GK4Y, M9RZ90GV4Y, M9RZ90S4YS, M9RZ90SB4YS, M9RZ90SK4YS, M9RZ90SV4YS		M0PC7.5M37
	6.2	375	M91Z90GV4Y, M91Z90HV4Y, M91Z90S2YS, M91Z90SV4YS, M9RZ60G4Y, M9RZ60GB4Y, M9RZ60GK4Y, M9RZ60GV4Y, M9RZ60S4YS, M9RZ60SB4YS, M9RZ60SK4YS, M9RZ60SV4YS, MUSN990GY, MUXN990GY	DVUS990Y DVUX990Y	M0PC6.2M38
	0.6	400	M61X6GV4Y, M61X6HV4Y, M61X6SV4YS		M0PC0.6M40
	0.7	400	M61X6G4Y, M61X6H4Y, M61X6S4YS, M6RX4G4Y		M0PC0.7M40
	0.8	400	M6RX6GBV4Y, M6RX6GV4Y, M6RX6SV4YS		M0PC0.8M40
	0.9	400	M6RX6G4Y, M6RX6GB4Y, M6RX6S4YS, M6RX6SB4YS		M0PC0.9M40
	1.0	400	M71X10G4Y, M71X10GV4Y, M71X10S4YS, M71X10SV4YS, M71X15G4Y, M71X15H4Y, M81X15G4Y, M81X15S4YS		M0PC1M40
	1.2	400	M7RX10G4Y, M7RX10GV4Y, M7RX10S4YS, M7RX10SV4YS		M0PC1.2M40
	1.3	400	M71X15GV4Y, M71X15HV4Y, M71X15SV4YS		M0PC1.3M40
	1.5	400	M7RX15G4Y, M7RX15GB4Y, M7RX15GBV4Y, M7RX15GV4Y, M7RX15S4YS, M7RX15SB4YS, M7RX15SV4YS, M81X15GV4Y, M81X15SV4YS, M81X20S2YS, M81X25G4Y, M81X25GK4Y, M81X25H4Y, M81X25HK4Y, M81X25S4YS, M81X25SK4YS		M0PC1.5M40
	1.8	400	M8RX20G4Y, M8RX20GV4Y, M8RX20S4YS, M8RX20SV4YS		M0PC1.8M40
	2.0	400	M81X25GV4Y, M81X25HV4Y, M81X25SV4YS		M0PC2M40
	2.4	400	M8RX25G4Y, M8RX25GB4Y, M8RX25GBV4Y, M8RX25GK4Y, M8RX25GV4Y, M8RX25S4YS, M8RX25SB4YS, M8RX25SK4YS, M8RX25SV4YS		M0PC2.4M40
	2.5	400	M81X40S2YS, M91X40G4Y, M91X40GK4Y, M91X40H4Y, M91X40HK4Y, M91X40S4YS, M91X40SK4YS		M0PC2.5M40
	3.0	400	M81X60S2YS, M91X40GV4Y, M91X40HV4Y, M91X40SV4YS		M0PC3M40
	3.8	400	M91Z60G4Y, M91Z60GK4Y, M91Z60H4Y, M91Z60HK4Y, M91Z60S4YS, M91Z60SK4YS, M9RX40G4Y, M9RX40GB4Y, M9RX40GBV4Y, M9RX40GK4Y, M9RX40GV4Y, M9RX40S4YS, M9RX40SB4YS, M9RX40SK4YS, M9RX40SV4YS		M0PC3.8M40
	5.0	400	M91Z60GV4Y, M91Z60HV4Y, M91Z60SV4YS, MUSN960GY, MUXN960GY	DVUS960Y DVUX960Y	M0PC5M40
5.8	400	M91Z90G4Y, M91Z90GK4Y, M91Z90H4Y, M91Z90HK4Y, M91Z90S4YS, M91Z90SK4YS		M0PC5.8M40	

Table 3-C: List of Condensers and Models Subject to Change by Change Category

Change category	Condenser		Model subject to change		
	Capacity (μF)	Voltage (V)	Motor	Unit controller	Optional condenser
C	1.3	200	M41A1G4L, M41A1S4L		M0PC1.3M20
	2.0	200	M61X3G4L, M61X3GV4L, M61X3S4L, M61X3S4LS, M61X3SV4L, M61X3SV4LS		M0PC2M20
	2.5	200	M61X6G4L, M61X6GV4L, M61X6H4L, M61X6HV4L, M61X6S4LS, M61X6SV4LS, M6RX4GV4L, M6RX4SV4LS		M0PC2.5M20
	3.0	200	M6RX4G4L, M6RX4S4LS, M6RX6GBV4L, M6RX6GV4L, M6RX6SV4LS, M71X10G4L, M71X10S4LS		M0PC3M20
	3.5	200	M6RX6G4L, M6RX6GB4L, M6RX6S4LS, M6RX6SB4LS		M0PC3.5M20
	4.0	200	M71X10GV4L, M71X10SV4LS, M71X15G4L, M71X15H4L, M71X15S4LS, M81X15G4L, M81X15S4LS		M0PC4M20
	4.5	200	M7RX10G4L, M7RX10GV4L, M7RX10S4LS, M7RX10SV4LS		M0PC4.5M20
	6.0	200	M7RX15G4L, M7RX15GB4L, M7RX15GBV4L, M7RX15GV4L, M7RX15S4LS, M7RX15SB4LS, M7RX15SV4LS, M81X15GV4L, M81X15SV4LS, M81X20S2LS, M81X25G4L, M81X25GK4L, M81X25H4L, M81X25HK4L, M81X25S4LS, M81X25SK4LS		M0PC6M20
	7.0	200	M8RX20G4L, M8RX20GV4L, M8RX20S4LS, M8RX20SV4LS		M0PC7M20
	9.5	200	M8RX25G4L, M8RX25GB4L, M8RX25GBV4L, M8RX25GK4L, M8RX25GV4L, M8RX25S4LS, M8RX25SB4LS, M8RX25SK4LS, M8RX25SV4LS		M0PC9.5M20
	10	200	M81X40S2LS, M91X40G4L, M91X40GK4L, M91X40H4L, M91X40HK4L, M91X40S4LS, M91X40SK4LS		M0PC10M20
	25	200	M91Z90G4L, M91Z90GK4L, M91Z90GV4L, M91Z90H4L, M91Z90HK4L, M91Z90HV4L, M91Z90S2LS, M91Z90S4LS, M91Z90SK4LS, M91Z90SV4LS, M9RZ60G4L, M9RZ60GB4L, M9RZ60GK4L, M9RZ60GV4L, M9RZ60S4LS, M9RZ60SB4LS, M9RZ60SK4LS, M9RZ60SV4LS, , MUSN990GL, MUXN990GL	DVUS990L DVUX990L	M0PC25M20
	15	210	M91Z60G4L, M91Z60GK4L, M91Z60H4L, M91Z60HK4L, M91Z60S4LS, M91Z60SK4LS, M9RX40G4L, M9RX40GB4L, M9RX40GBV4L, M9RX40GK4L, M9RX40GV4L, M9RX40S4LS, M9RX40SB4LS, M9RX40SK4LS, M9RX40SV4LS		M0PC15M20