

# 2016-2017 General catalog update

## Liner ball guide stage : PG

### Update

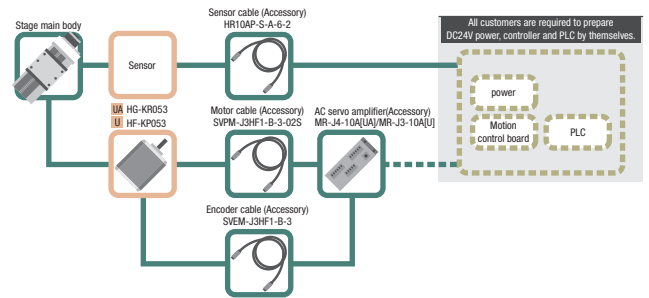
- ① Motor
- ② Motor select code
- ③ Dimensions

Precision specifications and prices are unchanged by the motor modification.

Motor code of XY-axis PMG , Z-axis PZG and XYZ-axis PMZG changes as same as X-axis PG.

### ① Motor

Motor	Previous model	New model
	<b>HF-KP053(U)</b>	<b>HG-KR053(UA)</b>
Size	□40	□40
Resolution	262144 p/rev	4194304 p/rev
Speed detector	18bit encoder	22bit encoder
Rated rotation speed	3000 rpm	3000 rpm
Rated output	50 W	50 W
Rated torque	0.16N · m	0.16N · m
Max. Torque	0.48N · m	0.56N · m
Inertial moment	0.052 × 10 <sup>-4</sup> kg · m <sup>2</sup>	0.045 × 10 <sup>-4</sup> kg · m <sup>2</sup>
Rated current	0.9 A	0.9 A
Mass	0.35kg	0.34kg
Temperature	0°C~40°C	0°C~40°C
Servo amplifier	MR-J3-10A	MR-J4-10A



The attached cables are the same as [UA] and [U].

### ② Motor select code

Model      Select code      Option code  
**PG 413-L05AG- UAU**

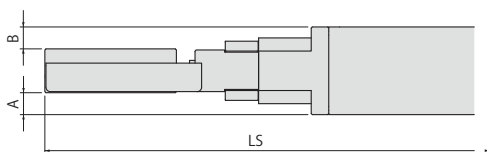
Previous model      New model  
 PG413-L05AG-**UA**      PG413-L05AG-**UAU**

#### Motor option

Code	Specification
C	Standard
F	High-torque
G	High resolution
MA	With electromagnetic brake (Driver set)
PA	α Step (Driver set)
<b>UA</b>	Servo motor:J4 (Amplifier set)
<b>U</b>	Servo motor:J3 (Amplifier set)

[UA] [U] is the same price.

### ③ Dimensions



Model	UA				
	size	A	B	LS	C
PG413-*****-UAU	□40	10	10	175.9	143.5
PG513-*****-UAU				185.9	153.5
PG615-*****-UAU				195.9	163.5
PG715-*****-UAU				205.9	173.5
PG430-*****-UAU				204.4	172.0
PG530-*****-UAU				214.4	182.0
PG650-*****-UAU				253.4	221.0
PG750-*****-UAU				263.4	231.0

Unchanged