

2016-2017 General catalog update

Liner ball guide stage : KXL

Update

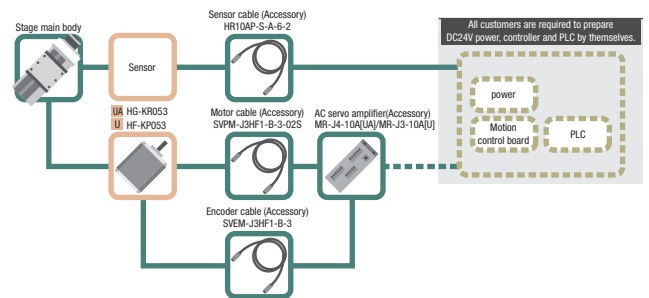
- ① Motor
- ② Motor select code
- ③ Dimensions

Precision specifications and prices are unchanged by the motor modification.

Motor code of XY-axis KYL , Z-axis KZL and XYZ-axis KWL changes as same as X-axis KXL.

① Motor

Motor	Previous model HF-KP053(U)	New model HG-KR053(UA)
Size	<input type="checkbox"/> 40	<input type="checkbox"/> 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	$0.052 \times 10^{-4} \text{ kg} \cdot \text{m}^2$	$0.045 \times 10^{-4} \text{ kg} \cdot \text{m}^2$
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 No. Slect code Option code
KXL06100-N2-UAU

Previous model New model
 KXL06100-N2-**UU** KXL06100-N2-**UAU**

Motor option

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

[UA] [U] is the same price.

③ Dimensions



Motor code : U	Size □[mm]	A	B	C	LS						
					30	50	75	100	150	200	300
Satnderd	40	4.7	6.5	6.0	240.4	260.4	285.4	310.4	360.4	410.4	510.4
With cover	40	4.7	3.5	6.0	245.4	265.4	290.4	315.4	365.4	415.4	515.4

Motor code : UA	Size □[mm]	A	B	C	LS						
					30	50	75	100	150	200	300
Satnderd	40	4.7	6.5	6.0	240.4	260.4	285.4	310.4	360.4	410.4	510.4
With cover	40	4.7	3.5	6.0	245.4	265.4	290.4	315.4	365.4	415.4	515.4

Unchanged