

2016-2017 General catalog update

X-axis : KXS

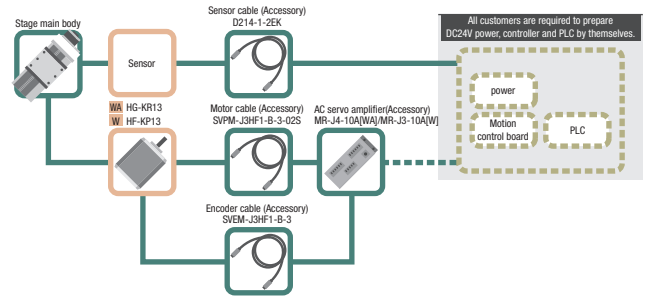
Update

- ① Motor
- ② Motor select code
- ③ Dimensions

Precision specifications and prices are unchanged by the motor modification.
Motor code of XY-axis KYS , Z-axis KZS changes as same as X-axis KXS.

① Motor

Motor	Previous model	New model
	HF-KP13(W)	HG-KR13(WA)
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	100 W	100 W
Rated torque	0.32N · m	0.32N · m
Max. Torque	0.95N · m	1.10N · m
Inertial moment	$0.088 \times 10^{-4} \text{ kg} \cdot \text{m}^2$	$0.0777 \times 10^{-4} \text{ kg} \cdot \text{m}^2$
Rated current	0.8 A	0.8 A
Mass	0.56kg	0.54kg
Temperature	0°C~40°C	0°C~40°C
Servo amplifier	MR-J3-10A	MR-J4-10A



The attached cables are the same as [WA] and [W].

② Motor select code

Model Select code Option code
KXS18100-N5-WAU

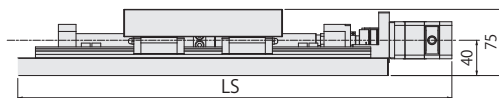
Previous model New model
KXS18100-N5-**WU** KXS18100-N5-**WAU**

Motor option

Code	Specification
J	Standard
SA	With electromagnetic brake (Driver set)
QA	α Step (Driver set)
WA	Servo motor:J4 (Amplifier set)
W	Servo motor:J3 (Amplifier set)

[WA]and[W]is the same price.

③ Dimensions



Code	Size <input type="checkbox"/> [mm]	LS				
		KXS18100	KXS18200	KXS18300	KXS18400	KXS18500
W	40	414.4	514.4	614.4	714.4	814.4
WA	40	414.4	514.4	614.4	714.4	814.4

Unchanged