## X axis crossed roller guide: KXC04015/KXC06020

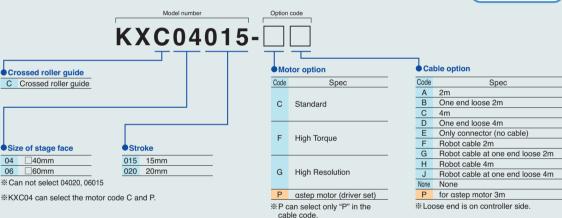
Spec changed
Sensor
DC5V ~ 24V
See our WEB site

RoHS



▶cable 089 ~





The stage can be set X and Y in case of the same series. \*Except for some models. For more information, please contact us.

None cannot be selected.

S	S P E C							
	Model r	number	KXC04015-C	KXC04015-P	KXC06020-C	KXC06020-F	KXC06020-G	KXC06020-P
Mechanical spec.	Stroke		15mm		20mm			
	Size of stage face		40×40mm		60×60mm			
	Feed screw (Ball screw)		φ6 lead 1		φ8 lead 1			
	Guide		Crossed roller guide					
	Material (finishing)		Aluminum-black alumite processing					
	Weight		0.31kg	0.36kg	0.44kg	0.54kg	0.44kg	0.49kg
Accuracy spec.	Resolution	Full/Half	2μm/1μm	1μm (1000P/R)	2μm.	/1μm	1μm/0.5μm	1 μm (1000 P/R)
	(Pulse)	Microstep	0.1µm (MS 1/20)	_	0.1µm (	MS 1/20)	0.05 μm (MS 1/20)	
	MAX speed		10mm/sec		20mm/sec			
	Positioning for one direction		10μm or less		5μm or less			
	Repeated positioning		±0.5μm or less		±0.3μm or less			
	Tolerant moment load		5.0kgf [49N]					
	Moment rigidity		Pitching 0.33/Yawing 0.44/Rolling 0.37["/N·cm]   Pitching 0.15/Yawing 0.12/Rolling 0.07 ["/N·cm]					
	Lost motion		1μm or less					
	Backlash		0.5μm or less					
	Degree of orthogonality		3µm or less					
	Parallelism		30μm or less					
	Degree of parallelization		10μm or less					
	Pitching/Yawing		25" or less/20" or less 20" or less					
Sensor	Limit sensor		Installed					
	Origin sensor		Installed					
Š	Proximity origin sensor							

<sup>\*</sup>Cables are not included in the models with motor code [C, F, G]. Select the cables from the cable code list.

<sup>\*</sup>The driver, the motor cable and the sensor cable are included in the model with motor code [P]. For more information, please contact us.