1 Axis

Z Z-axis 2 Table size

□80mm

2 and 3.

097

Thin Type Z-axis Cross Roller Guide: KZ0725C/KZ0830C/KZ1040C/KZ1250C





3 Travel length

50

Selectable only 0725, 0830, 1040, 1250 in combination with

25mm

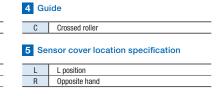
30mm

40mm

50mm

Cable P.1-207~ Electrical specification P.1-099~

RoHS



Code	Specification	Cable type
Blank	2m	D214-2-2E
1	2m One end loose	D214-2-2EK
2	4m	D214-2-4E
3	4m One end loose	D214-2-4EK
4	Only connector (Cable is not included)	_
5	Cable is not included (Standard)	_
6	Robot cable 2m	D214-2-2R
7	Robot cable 4m	D214-2-4R
8	Robot cable 4m one end loose	D214-2-4RK
9	Robot cable 2m one end loose	D214-2-2RK

6 Cable option

- * One end loose position to only stage opposite side.
- * If you choose the option specification, please add the difference to standard price.
- * See page © P.1-207, 209~ for more cable details.

 * Please select "blank, 2, 6 and 7" when connect with stepping motor controller(DS102/112).

			SPEC			
Model		KZ0725C-L5	KZ0830C-L5	KZ1040C-L5	KZ1250C-L5	
(Opposite hand)		KZ0725C-R5	KZ0830C-R5	KZ1040C-R5	KZ1250C-R5	
Travel length		25mm	30mm	40mm	50mm	
Table size		70×70mm	80×80mm	100×100mm	120×120mm	
Travel length Table size Feed screw Gedief Main materials-Finishing Weight		Ball screw ϕ 6 lead 1 Ball screw ϕ 8 lead 1				
Guide Guide		Crossed roller guide				
Main materials-Finishing		Aluminum—White almite finish	almite finish Aluminum—Black almite finishing			
S Weight		1.3kg	1.49kg	2.7kg	4.0kg	
Resolution (Pulse)	Full/Half	1μm/0.5μm				
	Microstep	$0.05 \mu \mathrm{m}$ (1/20 on resolution)				
MAX speed Load capacity (Excitation) Vertical degree Pitching/Yawing Uni-directional positioning accuracy Repeatability positioning accuracy		10mm/sec				
Load capacity (Excitation)		5kgf [49N]	7.5kgf [73.5N]			
Vertical degree		Within 20µm	Within 25μ m	Within 30 μ m	Within 40µm	
Pitching/Yawing		Within 20"/Within 15"				
Uni-directional positioning accuracy		Within 15μm				
Repeatability positioning accuracy		Within ±0.3µm				
Lost motion		Within 1µm				
Straightness		Within 2μ m				
Limit sensor	•	Installed				
Origin sensor		Installed				
Slit origin sensor		Installed				
Provided screw (Hexagon-headed bolt)		4 of M3-12	4 of M4-12	4 of M4-10	4 of M6-12	