Z-axis Cross Roller Guide: KS301-30

KS301-30LC

KS301-30LMS





KS301-30RC

KS301-30RMS









Rotary

Controller

Unit

Horizontal Z

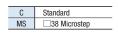
XYZ

Z

Cable P.1-207 \sim Electrical specification P.1-107 \sim

1 Axis 3 Z-axis 2 Travel 30 30mm





4 Motor option

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

5 Cable option

- * One end loose position to only stage opposite side.
 * If you choose the option specification, please add the
- If you choose the option specification, please and 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).

Linear

CAVE-X Linear ball

Cross Roller

Slide Guide

φ50

φ60 φ70

φ100 φ120

Other

	SPEC	
Model	KS301-30LC-5	KS301-30LMS-5
(Opposite hand)	KS301-30RC-5	KS301-30RMS-5
₹ Travel length	30r	mm
Travel length Table size Feed screw Guide Main materials-Finishing Weight	60×7	70mm
Feed screw	Ball screw	φ8 lead 1
Se Guide	Crossed ro	oller guide
Main materials-Finishing	Aluminum—Black almite finishing	
Weight	0.89kg	1.07kg
Resolution (Pulse) Full/Half	2μm/1μm	1μm/0.5μm
MAX speed Load capacity (Excitation) Vertical degree	_	$0.05\mu m$ (1/20 on resolution)
E MAX speed	20mm/sec	10mm/sec
Load capacity (Excitation)	3.0kgf	[29.4N]
Vertical degree	Within 15 μ m	n/Full stroke
Pitching/Yawing	Within 25"/	/Within 20″
ഗ്ര Limit sensor	Insta	alled
Limit sensor Origin sensor Slit origin sensor	Insta	alled
Slit origin sensor	-	_
Provided screw (Hexagon-headed bolt)	4 of M	4-16
Uni-directional positioning accuracy	Within	n 5μm
Uni-directional positioning accuracy Repeatability positioning accuracy Lost motion Backlash Straightness	Within ±	±0.3μm
Lost motion	Within	11μm
Backlash	Within	0.5μm
Straightness	Within	1 3μm