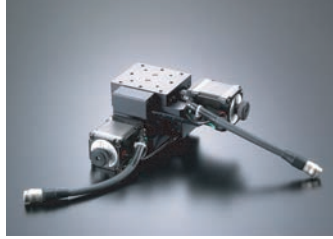


## XY-axis Cross Roller Guide: KS201-30

KS201-30LC



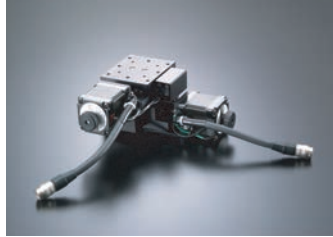
KS201-30LMS



KS201-30RC



KS201-30RMS



Model Selection code Option code  
**KS 201-30LC - 5**

1 2 3 4 5

☛ Cable P.1-207~  
 ☛ Electrical specification P.1-107~

**1 Axis**

2	XY-axis
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**2 Travel**

30	30mm
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**3 Sensor cover location specification**

Code	Specification
L	L position
R	Opposite hand

**4 Motor option**

C	Standard
MS	<input type="checkbox"/> 38 Microstep

**5 Cable 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

\* 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).

Linear Ball

CAVE-X Linear ball

Cross Roller

Slide Guide

φ40

φ50

φ60

φ70

φ80

φ100

φ120

Other

SPEC

Model	KS201-30LC-5	KS201-30LMS-5
(Opposite hand)	KS201-30RC-5	KS201-30RMS-5
Mechanical specification	30mm	
Travel length	30mm	
Table size	60×70mm	
Feed screw	Ball screw φ8 lead 1	
Guide	Crossed roller guide	
Main materials-Finishing	Aluminum—Black almite finishing	
Weight	1.12kg	1.5kg
Resolution (Pulse)	2μm/1μm	1μm/0.5μm
MAX speed	20mm/sec	10mm/sec
Load capacity	4.5kgf [44.1N]	
Perpendicularity	Within 15μm/Full stroke	
Pitching/Yawing	Within 25"/Within 20"	
Limit sensor	Installed	
Origin sensor	Installed	
Slit origin sensor	—	
Provided screw (Hexagon-headed bolt)	4 of M4—16	
Synthetic accuracy specification	Within 5μm	
Uni-directional positioning accuracy	Within ±0.3μm	
Repeatability positioning accuracy	Within 1μm	
Lost motion	Within 0.5μm	
Backlash	Within 3μm	
Straightness		