

HTROBOT

HTMKK

English selection guide

Linear motion components and multi-axis automation, with practical support from Tianjin.

Based in Tianjin, HTROBOT works with customers on industrial linear motion and multi-axis automation. Our range brings together linear modules, guides, ball screws, actuators and XYZ stages.

Models: MKK50; MKK60; MKK86

We connect component supply with application discussions for positioning, transfer and multi-axis equipment.

HTMKK · MKK50

MKK50 · HTMKK

Read positioning, load and speed under the same lead and installation conditions. For vertical motion, include holding and brake requirements in the axis proposal.



MKK series illustration

Reviewed specifications

Parameter	Value	Applies to
Body width	50 mm	
Dynamic load	2136 / 1813 N	Lead 2 mm; Precision grade / Standard grade; MKK5002
Dynamic load	2050 / 1863 N	Lead 6 mm; MKK5006
Lead	2 mm	Lead 2 mm; Precision grade / Standard grade; MKK5002
Lead	6 mm	Lead 6 mm; MKK5006
Moment MP (A1/A2)	116 / 545 Nm	Lead 6 mm; MKK5006
Moment MP (A1/A2)	116 / 545 Nm	Lead 2 mm; Precision grade / Standard grade; MKK5002

Parameter	Value	Applies to
Moment MR (A1/A2)	116 / 545 Nm	Lead 2 mm; Precision grade / Standard grade; MKK5002
Moment MR (A1/A2)	116 / 545 Nm	Lead 6 mm; MKK5006
Moment MR (A1/A2)	116 / 545 Nm	Lead 6 mm; MKK5006
Moment MR (A1/A2)	222 / 444 Nm	Lead 2 mm; Precision grade / Standard grade; MKK5002
Screw outer diameter	8 mm	Lead 2 mm; Precision grade / Standard grade; MKK5002
Screw outer diameter	8 mm	Lead 6 mm; MKK5006
Slider A basic dynamic load rating	8007 N	Lead 6 mm; MKK5006
Slider A basic dynamic load rating	8007 N	Lead 2 mm; Precision grade / Standard grade; MKK5002
Static load	3489 / 2910 N	Lead 2 mm; Precision grade / Standard grade; MKK5002
Static load	2913 / 2619 N	Lead 6 mm; MKK5006
Maximum payload mass	31 kg	
Maximum stroke	220	
Section height H	26	
Section area moment I _x	9600 mm ⁴	
Section area moment I _y	134000 mm ⁴	

A unit is printed only where the source states one.

HTMKK · MKK60

MKK60 · HTMKK

Read positioning, load and speed under the same lead and installation conditions. For vertical motion, include holding and brake requirements in the axis proposal.



MKK series illustration

Reviewed specifications

Parameter	Value	Applies to
Body width	60 mm	
Dynamic load	3744 / 3377 N	Lead 5 mm; MKK6005
Dynamic load	2410 / 2107 N	Lead 10 mm; MKK6010
Lead	10 mm	Lead 10 mm; MKK6010
Lead	5 mm	Lead 5 mm; MKK6005
Moment MP (A1/A2)	72 / 367 Nm	Lead 5 mm; MKK6005
Moment MR (A1/A2)	152 / 760 Nm	Lead 5 mm; MKK6005
Moment MR (A1/A2)	419 / 838 Nm	Lead 5 mm; MKK6005
Moment MR (S1/S2)	241 / 482 Nm	Lead 5 mm; MKK6005
Screw outer diameter	12 mm	Lead 10 mm; MKK6010
Screw outer diameter	12 mm	Lead 5 mm; MKK6005
Slider A basic dynamic load rating	13230 N	Lead 5 mm; MKK6005
Slider A static load rating	21462 N	Lead 5 mm; MKK6005
Slider S basic dynamic load rating	7173 N	Lead 5 mm; MKK6005
Slider S static load rating	11574 N	Lead 5 mm; MKK6005
Static load	6243 / 5625 N	Lead 5 mm; MKK6005
Static load	3743 / 3234 N	Lead 10 mm; MKK6010
Maximum payload mass	42 kg	
Maximum stroke	500	
Ordering example (reference)	MKK60 10 P E-400 E A2 E-F0 C S0 M	
Section height H	33	
Section area moment Ix	20560 mm ⁴	
Section area moment Iy	280200 mm ⁴	

A unit is printed only where the source states one.

HTMKK · MKK86

MKK86 · HTMKK

Read positioning, load and speed under the same lead and installation conditions. For vertical motion, include holding and brake requirements in the axis proposal.



MKK series illustration

Reviewed specifications

Parameter	Value	Applies to
Body width	86 mm	
Dynamic load	7144 / 6429 N	Lead 10 mm; MKK8610
Dynamic load	4645 / 4175 N	Lead 20 mm; MKK8620
Lead	10 mm	Lead 10 mm; MKK8610
Lead	20 mm	Lead 20 mm; MKK8620
Moment MP (A1/A2)	228 / 1309 Nm	Lead 10 mm; MKK8610
Moment MR (A1/A2)	622 / 3050 Nm	Lead 10 mm; MKK8610
Moment MR (A1/A2)	1507 / 3014 Nm	Lead 10 mm; MKK8610
Moment MR (S1/S2)	847 / 1694 Nm	Lead 10 mm; MKK8610
Screw outer diameter	16 mm	Lead 20 mm; MKK8620
Screw outer diameter	16 mm	Lead 10 mm; MKK8610
Slider A basic dynamic load rating	31458 N	Lead 10 mm; MKK8610
Slider A static load rating	50764 N	Lead 10 mm; MKK8610
Slider S basic dynamic load rating	21051 N	Lead 10 mm; MKK8610
Slider S static load rating	29475 N	Lead 10 mm; MKK8610
Static load	7655 / 6889 N	Lead 20 mm; MKK8620
Static load	12642 / 11387 N	Lead 10 mm; MKK8610
Maximum payload mass	95 kg	
Overview stroke	8.00mm (as printed in overview; not normalized to 800mm)	
Section height H	46	
Section area moment I _x	74450 mm ⁴	
Section area moment I _y	1134000 mm ⁴	

Contact

Start with a product or an application. Use the inquiry draft to collect what you are considering, or contact us directly with your requirements.

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