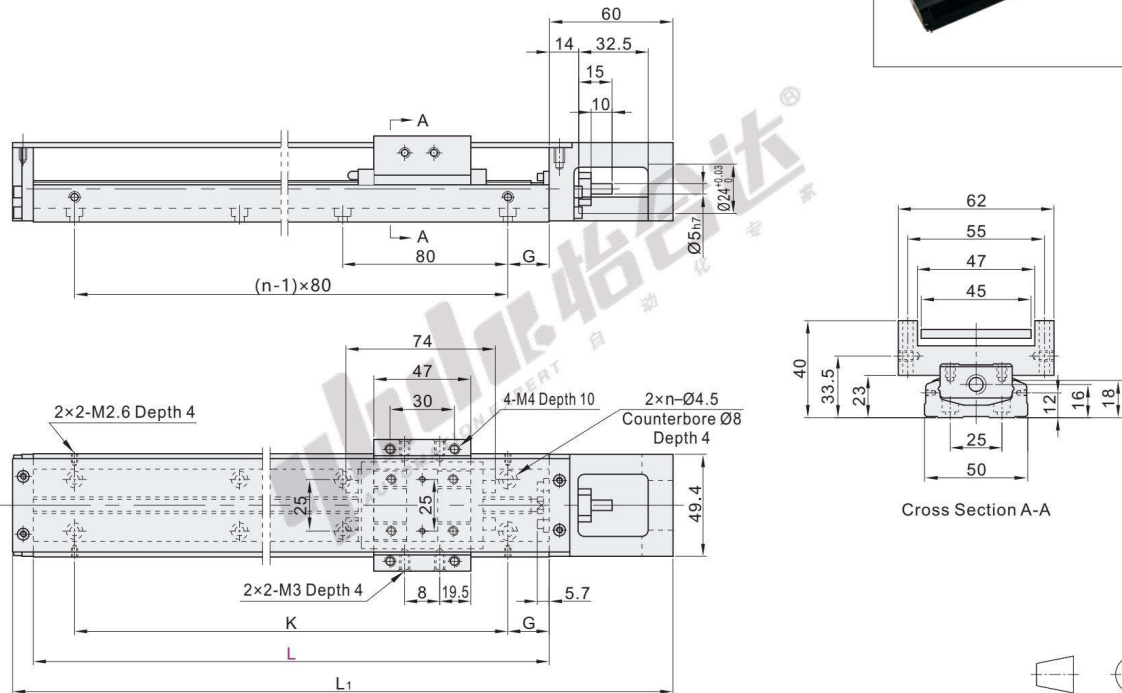


Economical Type KK Single Axis Drivers

50 Series, Standard Type With Aluminum Cover

Code	Type	Ball Screw Lead	Slider			Base			Motor Support		Cover	
			Material	Material	Hardness	Material	Surface Treatment	Material	Surface Treatment			
KK50AC	Servo Motor Type	2	Alloy Steel	Chrome Molybdenum Steel	58-62 HRC	Aluminum Alloy	Black Anodize	A6063	Black Anodize			



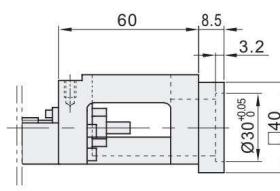
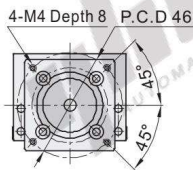
The first perspective

Part number Code	Rail Length L	Number of Slider	Accuracy Grade	Motor Connection Support Selection	Limit Switch/ Installation Rail Selection	Ball Screw		Length of Workbench L ₁	G	n	K	Maximum Stroke		Weight(kg)									
						Shaft Dia.	Lead					Single Slider	Dual Slider	Single Slider	Dual Slider								
KK50AC	150※					8	2	220	35	2	80	70	—	1.1	—								
	200	1(Single Slider)	C(Normal Grade)	F1	No Sign.(No) S0 (Switch Rail Only)											270	20	3	160	120	55	1.3	1.5
	250	2(Dual Slider)	P(Precision Grade)	F2	S1 (Switch Rail+SX671)											320	45	3	160	170	105	1.6	1.8
	300				S2 (Switch Rail+SX674)											370	30	4	240	220	155	1.8	2.0

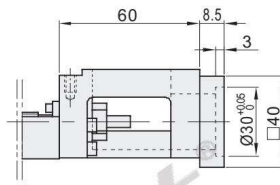
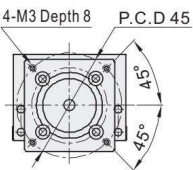
※ The rail length with ※ is not suitable for dual block.

☑ Motor connection support and motor correspondence table

Motor Connection Support : F1



Motor Connection Support : F2



The first perspective

Code	Applicable Motor Type	Motor Connection Support	Applicable Brand		Output Power
			Name of Manufactory	No.	
KK50AC	Servo Motor	F1	Mitsubishi Electric	HC-PQ033	30W
				HC-PQ053	50W
				HC-PQ13	100W
				HC-KFS053	50W
			Yaskawa Electric	HC-KFS13	100W
				SGMAH-A3	30W
				SGMAH-A5	50W
			SGMAH-01	100W	

Code	Applicable Motor Type	Motor Connection Support	Applicable Brand		Output Power
			Name of Manufactory	No.	
KK50AC	Servo Motor	F2	Panasonic	MSM3AZ	30W
				MSM5AZ	50W
				MSM01	100W

50 Series, Standard Type With Aluminum Cover

Economical Type KK Single Axis Drivers

Limit Switch/Installation Switch Rail Dimension Table

S0(Switch Rail)

S1(Switch Rail+SX671)

S2(Switch Rail+SX674)

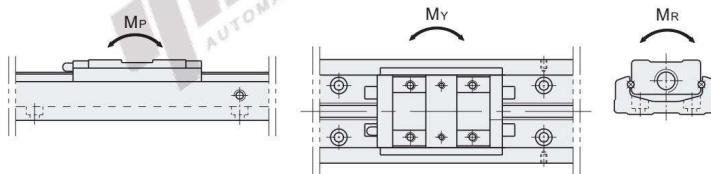
Code	Limit Switch/Installation Rail	e	f
KK50AC	S1 (Switch Rail+SX671)	15	11
	S2 (Switch Rail+SX674)	10.2	

Accuracy Grade

Code	Rail Length L	Repeated Positioning Accuracy		Positioning precision		Running Parallelism		Maximum Starting Torque(N-cm)	
		Normal Grade	Precision Grade	Normal Grade	Precision Grade	Normal Grade	Precision Grade	Normal Grade	Precision Grade
KK50AC	150	±0.01	±0.003	—	0.020	—	0.010	2	4
	200								
	250								
	300								

Allowable Static Torque

Code	Accuracy Grade	Allowable Static Torque					
		Linear Guide rail					
		Pitching M_P (N-m)		Yawing M_Y (N-m)		Rolling M_R (N-m)	
		Single Slider	Dual Slider	Single Slider	Dual Slider	Single Slider	Dual Slider
KK50AC	Normal Grade	116	278	116	278	222	444
	Precision Grade						



Allowable Load

Code	Accuracy Grade	Basic Load Rating(N)			
		Ball Screw		Linear Guide rail	
		C(Dynamic)	Co(Static)	C(Dynamic)	Co(Static)
KK50AC	Normal Grade	1813	2910	8007	12916
	Precision Grade	2136	3489		



Part number Code	Part number No.	Rail Length L	Number of Slider	Precision Grade	Motor Connection Support Selection	Limit Switch/Installation Rail Selection
KK50AC	802	150 200	1 (Single Slider) 2 (Dual Slider)	C (Normal Grade) P (Precision Grade)	F2	No Sign: (No) S0 (Switch Rail Only) S1 (Switch Rail+SX671)

KK50AC - 802 - L150 - 1 - C - F1 - S1



Discount price	
Per	1~9 10~19
Price	100% Additional quotation



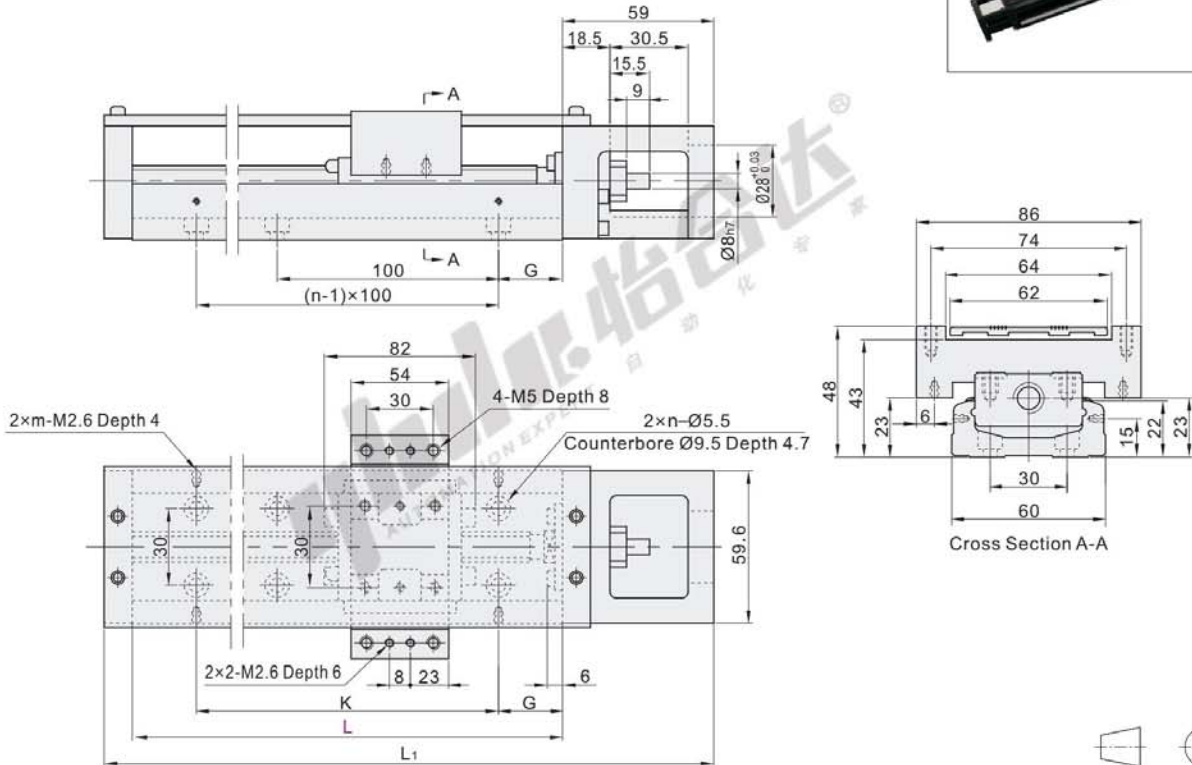
Normal Grade, Single Slider (1~5 pcs)

Linear Actuators

Economical Type KK Single Axis Drivers

60 Series, Standard Type
With Aluminum Cover

Code	Type	Ball Screw Lead	Slider			Base		Motor Support		Cover	
			Material	Material	Hardness	Material	Surface Treatment	Material	Surface Treatment		
KK60AC	Servo Motor Type	5/10	Alloy Steel	Chrome Molybdenum Steel	58-62 HRC	Aluminum Alloy	Black Anodize	A6063	Black Anodize		

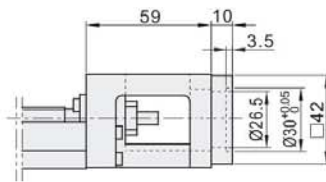
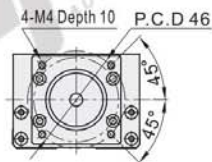


The first perspective

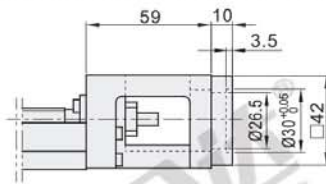
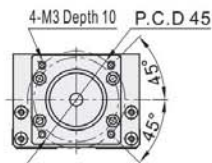
Part number Code	Rail Length No. L	Number of Slider	Accuracy Grade	Motor Connection Support Selection	Limit Switch/ Installation Rail Selection	Ball Screw		Length of Workbench L	G	n	K	m	Maximum Stroke		Weight(kg)									
						Shaft Dia.	Lead						Single Slider	Dual Slider	Single Slider	Dual Slider								
KK60AC	1205	150*				12	5	220	25	2	100	2	110	135	2.7	3.0								
	1210	200*					10										5	4	100	4	310	235	3.3	3.6
	1205	300	1(Single Slider)	C(Normal Grade)	F1		No Sign: (No)										5	5	200	3	410	335	3.9	4.2
	1210	400	2(Dual Slider)	P(Precision Grade)	F2		S0 (Switch Rail Only)										10	5	200	3	410	335	3.9	4.2
	1205	500					S1 (Switch Rail+ SX671)										5	5	200	3	410	335	3.9	4.2
	1210	600					S2 (Switch Rail+ SX674)										10	5	200	3	410	335	3.9	4.2
	1205	600															5	6	100	6	510	435	4.6	5.0
	1210	600															10	6	100	6	510	435	4.6	5.0

- ① The rail length with * is not suitable for dual block.
- ② Motor connection support and motor correspondence table

Motor Connection Support : F1



Motor Connection Support : F2



The first perspective

Code	Applicable Motor Type	Motor Connection Support	Applicable Brand		Output Power
			Name of Manufactory	No.	
KK60AC	Servo Motor	F1	Mitsubishi Electric	HC-PQ033	30W
				HC-PQ053	50W
				HC-PQ13	100W
				HC-KFS053	50W
				HC-KFS13	100W

Code	Motor type	Motor Connection Support	Applicable Brand		Output Power
			Name of Manufactory	No.	
KK60AC	Servo Motor	F1	Yaskawa Electric	SGMAH-A3	30W
				SGMAH-A5	50W
				SGMAH-01	100W
				MSM3AZ	30W
				MSM5AZ	50W
F2	Panasonic	MSM01	100W		

Limit Switch/Installation Switch Rail Dimension Table

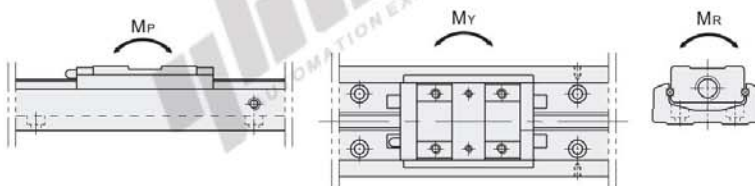
S0 (Switch Rail)		S1 (Switch Rail+ SX671)	
S2 (Switch Rail+ SX674)			
Code	Limit Switch/Installation Rail	e	f
KK60AC	S1(Switch Rail+ SX671)	8	13
	S2(Switch Rail+ SX674)	3.2	

Accuracy Grade

Code	Rail Length L	Repeated Positioning Accuracy		Positioning Accuracy		Running Parallelism		Maximum Starting Torque(N-cm)	
		Normal Grade	Precision Grade	Normal Grade	Precision Grade	Normal Grade	Precision Grade	Normal Grade	Precision Grade
KK60AC	150	±0.01	±0.003	—	0.020	—	0.010	7	15
	200								
	300								
	400								
	500								
600	0.025	0.015							

Allowable Static Torque

Code	Accuracy Grade	Allowable Static Torque					
		Linear Guide rail					
		Pitching M _P (N-m)		Yawing M _Y (N-m)		Rolling M _R (N-m)	
		Single Slider	Dual Slider	Single Slider	Dual Slider	Single Slider	Dual Slider
KK60AC	Normal Grade	152	348	152	348	419	838
	Precision Grade						



Allowable Load

Code	Ball Screw Lead	Accuracy Grade	Basic Load Rating(N)			
			Ball Screw		Linear Guide rail	
			C(Dynamic)	Co(Static)	C(Dynamic)	Co(Static)
KK60AC	5	Normal Grade	3377	5625	13230	21462
		Precision Grade	3744	6243		
	10	Normal Grade	2107	3234		
		Precision Grade	2410	3743		

Part number	Rail Length L	Number of Slider	Accuracy Grade	Motor Connecting Support Selection	Limit Switch/Installation Rail Selection
Code No.	1205	1	C(Normal Grade)	F1	No Sign: (No)
1210	150	1(Single Slider)	C(Normal Grade)	F1	S0 (Switch Rail Only)
1205	200	2(Dual Slider)	P(Precision Grade)	F2	S1 (Switch Rail+ SX671)
1210					S2 (Switch Rail+ SX674)

KK60AC - 1205 - L150 - 1 - C - F1 - S1

Discount price
Per 1-9 Price 100%
10- Additional quotation

Delivery
12
Normal Grade Single Slider(1-5 pcs)