Order guide

JHKK50B - 2 - C - 150 - A1 - DM - M

(Code) (1 Lead) (2 Accuracy Grade) (3 Rail Length) (4 Slider Type) (5 Motor Mounting Methodprocessing) (6 Compatible Motor Brand)

◉Please refer to the series code to select the type and parameters for ordering.

Order guide

JHKK50B - 100W - C - S0

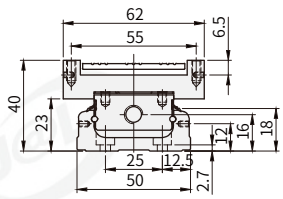
(Code) (7 Motor Connection Flange) (8 Protective Cover) (9 External Photoelectric Switch)

◉Please refer to the series code to select the type and parameters for ordering.

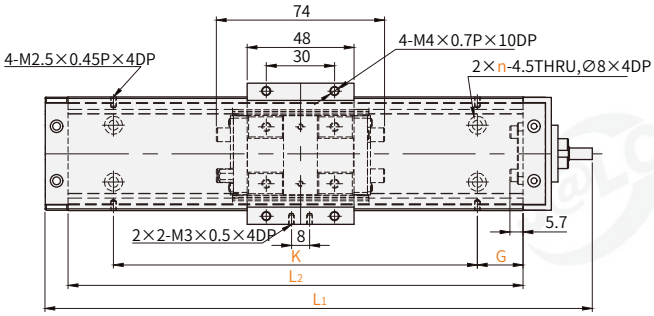
Code	Aluminum Cover	Transmission	Base	Operating Environment	Load	Base Width
JKK50B	With Cover	Ball Screw Drive	Steel	General Environment	Standard Type	Base Width 50mm
	Without Cover					

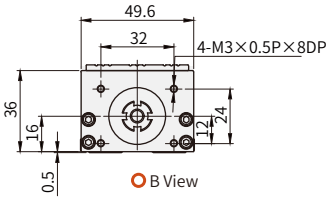
◉Product does not include motor.

With Cover
HO(Bare Cylinder)

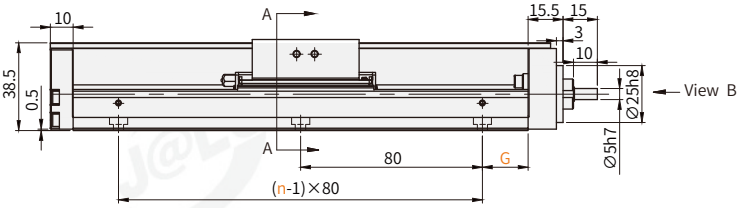


◉A-A Enlarged View

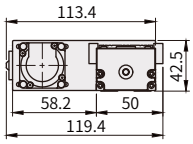


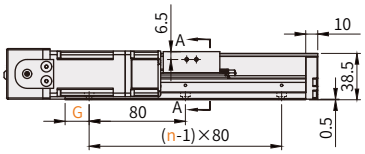


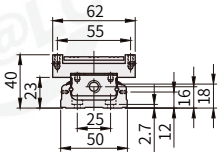
◉B View



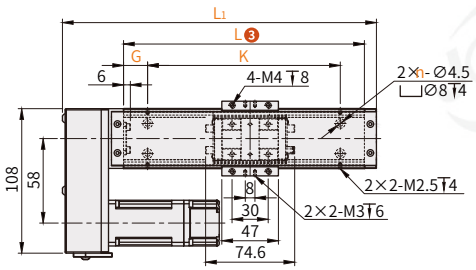
LM(Motor Left Fold)







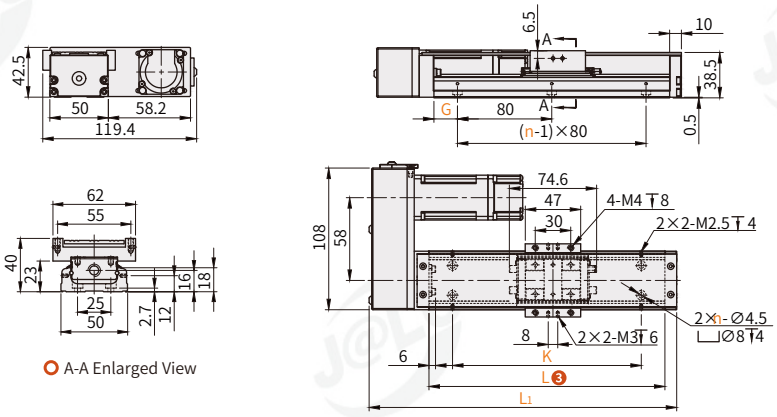
◉A-A Enlarged View



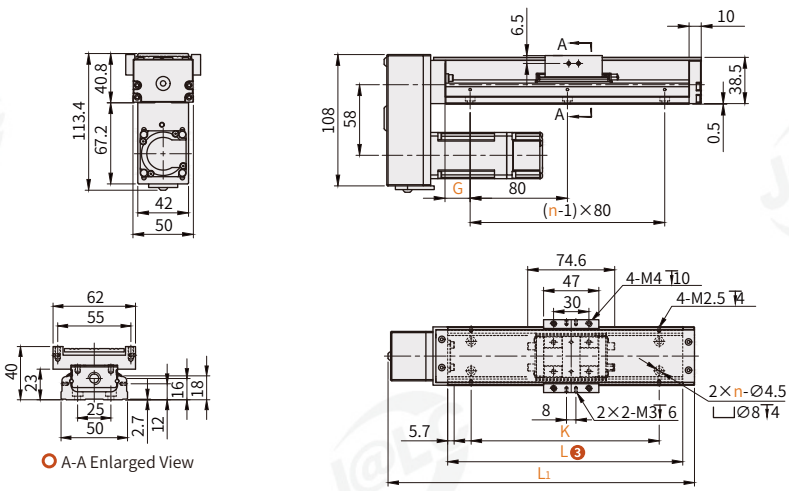
Visual standards:
first perspective

Steel Linear Module

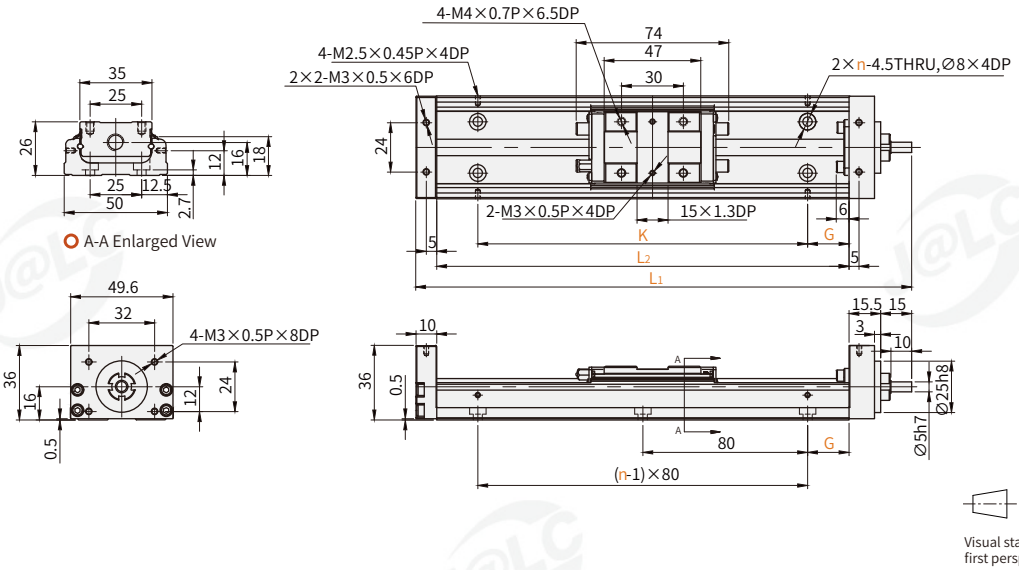
RM(Motor Right Fold)



DM(Motor Down Fold)

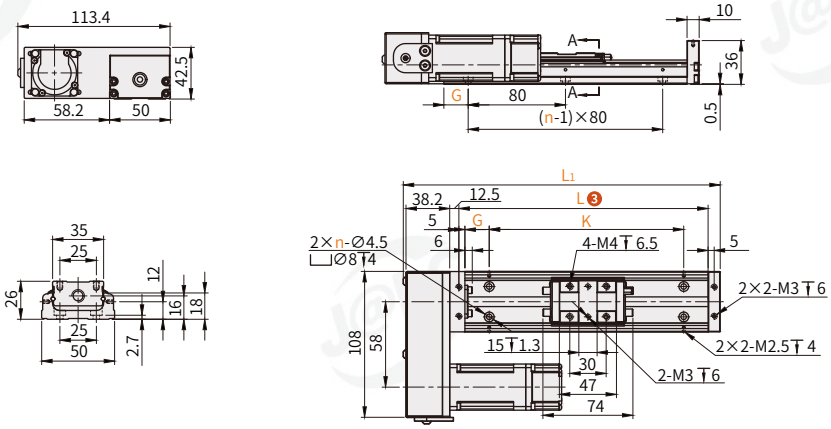


Without Cover
HO(Bare Cylinder)

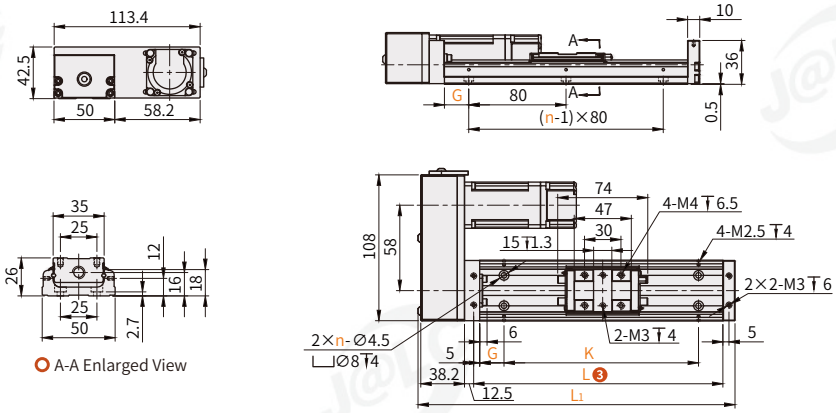


Visual standards:
first perspective

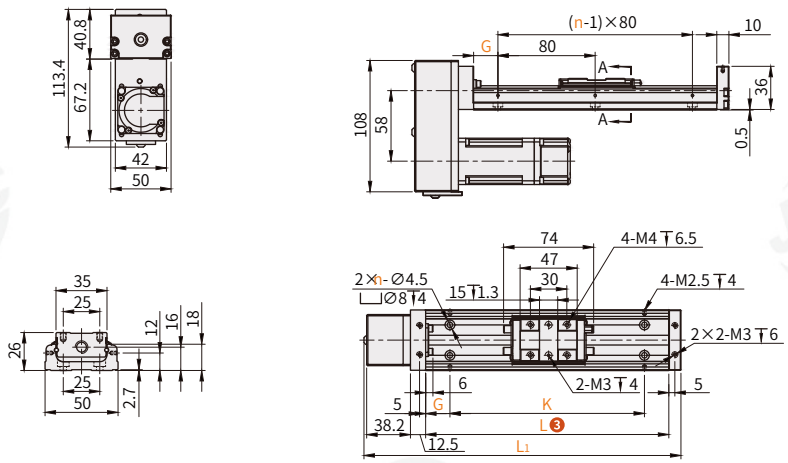
LM(Motor Left Fold)



RM(Motor Right Fold)



DM(Motor Down Fold)



Visual standards: first perspective

Model		Accuracy Grade ❷	Rail Length L ❸	Slider Type ❹	Motor Mounting Method ❺	Compatible Motor Brand ❻
Code	Lead ❶					
JKK50B	2	C (General Grade) P (Precision Grade)	150※ 200 250 300	A1 (Single Slider) A2 (Double Slider)	H0 (Bare Cylinder) DM (Motor Down Fold) RM (Motor Right Fold) LM (Motor Left Fold)	M P T Y L

Model		Motor Connection Flange ❼	Protective Cover ❽	External Photoelectric Switch ❾	Ball Screw	
Code	Lead ❶				Shaft Diameter	Lead
JKK50B	2	100W 42	C None	Not Marked: (None) S0 (Limit Rail Only) S2 (Limit Rail + SX674)	8	2

Model		Table Length L_1		G	n	K	Max Stroke		Weight (kg)			
									Single Slider		Double Slider	
Code	Lead ❶	H0	DM/LM/RM				Single Slider	Double Slider	Without Cover	With Cover	Without Cover	With Cover
JKK50B	2	190.5	210.7	35	2	80	70	—	1.5	1.6	—	—
		240.5	260.7	20	3	160	120	55	1.7	1.8	1.9	2.0
		290.5	310.7	45	3	60	170	105	1.9	2.1	2.1	2.3
		340.5	360.7	30	4	240	220	155	2.1	2.3	2.3	2.5

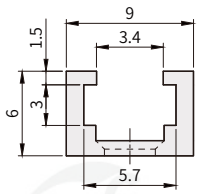
◉Note: Rail lengths marked with※are not applicable for double sliders.

○Motor Connection Bracket and Motor Compatibility Table

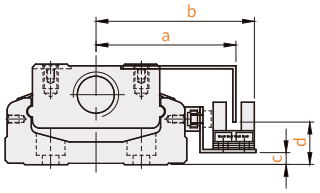
Code	Applicable Motor Type	Compatible Motor Brand ❻	Applicable Brands		Output Power
			Manufacturer Name	Specifications	
JKK50B	Servo Motor	M	Mitsubishi Motor	HC-PQ13	100W
				HC-KFS13	100W
		T	Delta	ECMA-C20401GS	100W
				ECMA-C20401FS	
		Y	Yaskawa Electric	SGAH-A5	50W
				SGAH-01	100W
		P	Panasonic Electric	MSM5AZ	50W
				MSM501	100W
	Stepper Motor	L	Leadshine	42CM06	—

○External Photoelectric Switch Size Table

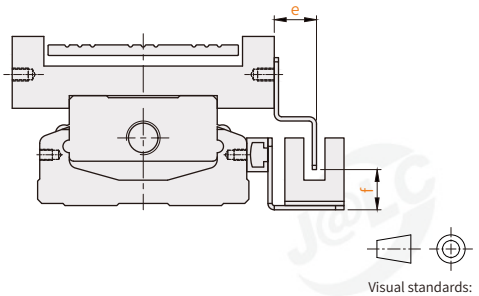
S0 (Limit Rail)



S2 (Limit Rail + SX674) Without Cover



S2 (Limit Rail + SX674) With Cover



Code	External Photoelectric Switch ❾	a	b	c	d	e	f
JKK50B	S1 (Limit Rail + SX671)	45.5	59	1	10	15	11
	S2 (Limit Rail + SX674)	41.3	48		10.5	10.2	

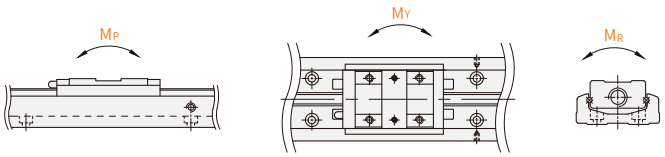
Accuracy Grade

Code	Rail Length L ③	Repeat Positioning Accuracy		Positioning Accuracy	
		General Grade	Precision Grade	General Grade	Precision Grade
JKK50B	150	±0.01	±0.005	—	0.020
	200				
	250				
	300				

Code	Rail Length L ③	Travel Parallelism		Max.Starting Torque (N·cm)	
		General Grade	Precision Grade	General Grade	Precision Grade
JKK50B	150	—	0.010	2	4
	200				
	250				
	300				

Allowable Load

Code	Accuracy Grade	Basic Rated Load (N)			
		Ball Screw		Linear Guide	
		C (Dynamic)	Co (Static)	C (Dynamic)	Co (Static)
JKK50B	General Grade	1813	2910	8007	12916
	Precision Grade	2136	3489		

Allowable static moment

Code	Accuracy class	Allowable static moment					
		Linear guides					
		Pitch MP(N-m)		Partial pendulum MY (N-m)		Rolling MR(N-m)	
		Single slide	Double slide	Single slide	Double slide	Single slide	Double slide
JKK50B	General grade precision grade	116	278	116	278	222	444