

Compact Linear Actuator

CA series



How to Order

TSK CA compact linear actuator is ordered with the following code number.

Example

CA33 **10** × **300** **P** **B1** **C**

① Model#.
 ② Ball Screw Lead
 ③ Length of Slide Rail
 ④ Accuracy Grade
 Normal Grade:No Symbol
 Precision Grade:P

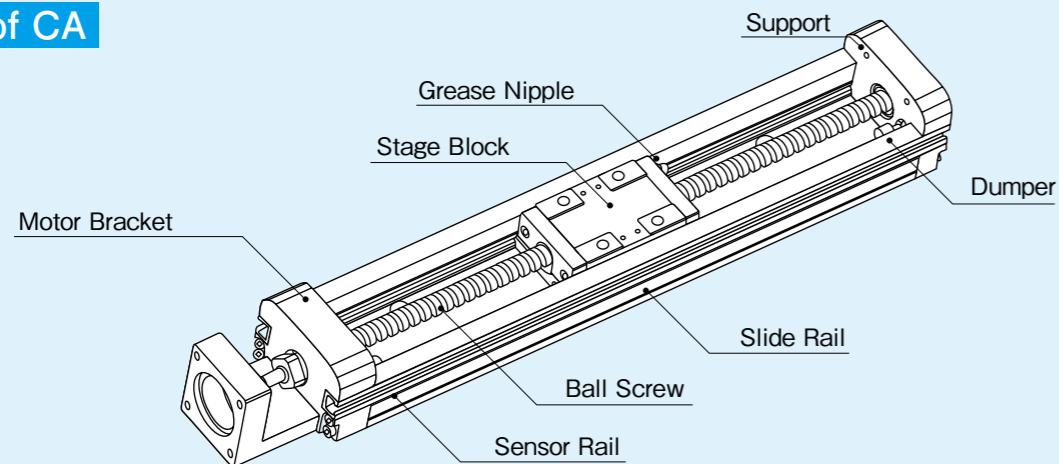
⑤ Number of Stage Block
 One block:B1
 Two blocks:B2

⑥ Provision of Cover
 No:No Symbol
 Yes:C

Cross Section

	CA26	CA33	CA46
Max.Rail Length	300mm	600mm	940mm

Structure of CA



Accuracy Standard

Model	Accuracy Grade	Positioning accuracy repeatability	Ball Screw				Linear Guide	
			Shaft dia.	Screw lead	Basic dynamic load rating (N)	Basic static load rating (N)	Basic dynamic load rating (N)	Basic static load rating (N)
CA26	Normal	±0.010mm	6 mm	2 mm	1,760 N	3,040 N	5,950 N	9,215 N
	Precision	±0.003mm						
CA33	Normal	±0.010mm	10 mm	6 mm	2,750 N	4,900 N	8,500 N	11,900 N
	Precision	±0.003mm		10 mm	2,100 N	3,100 N		
CA46	Normal	±0.010mm	15 mm	10 mm	5,100 N	10,500 N	21,080 N	28,428 N
	Precision	±0.003mm		20 mm	4,400 N	7,900 N		

Motor Fitting Flange

The fitting flanges for the following motors are provided at TSK. When making an order, please advise the code number of motor below. Even though it is not in the list below, we can provide the flange which fits your motor.

Motor		CA#.	CA26	CA33	CA46
YASUKAWA SIGMA series	Servo	SGM-A3 30W	1	2	3
		SGM-A5 50W	1	2	3
		SGM-01 100W	1	2	3
		SGM-02 200W	—	—	4
		SGM-04 400W	—	—	4
MITSUBISHI MELSERVO series	Servo	HC-PQ033 30W	1	2	3
		HC-PQ053 50W	1	2	3
		HC-PQ13 100W	1	2	3
		HC-PQ23 200W	—	—	4
		HC-MF053 50W	1	2	3
		HC-MF13 100W	1	2	3
		HC-MF23 200W	—	—	4
		HC-MF43 400W	—	—	4
SANYO BL SUPER series	Servo	P50B05005 50W	—	1	9
		P50B05010 100W	—	1	9
		P50B07020 200W	—	—	10
		P50B07030 300W	—	—	10
		P50B07040 400W	—	—	10
ORIENTAL MOTOR	Stepping	PMU33AH 5phase	5	—	—
		UPK54 5phase	5	6	—
		UPK56 5phase	—	7	—
		PK26 2phase	—	—	8

If your motor is not in the list above, please advise us the code# of the motor.