

42 mm (1.65 in.)

PK Series SH Geared Type



Specifications

Motor Specifications

Model Single Shaft Double Shaft	Connection Type	Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Lead Wires	Corresponding DC-input Motor & Driver Package
		A/phase	VDC	Ω /phase	mH/phase	kg-m ²	oz-in ²		
PK243A1A-SG PK243B1A-SG	Bipolar (Series)	0.67	5.6	8.4	10	35×10^{-7}	0.191	6	CMK243 PA-S08
	Unipolar	0.95	4.0	4.2	2.5				
PK243A2A-SG PK243B2A-SG	Bipolar (Series)	0.28	13	48	60	35×10^{-7}	0.191	6	-
	Unipolar	0.4	9.6	24	15				

How to read specifications table → Page C-11

Wirings and connections → Page C-211

- Enter **A** (single shaft) or **B** (double shaft) in the box (□) within the model name.
- Enter the gear ratio in the box (■) within the model name.

Gearmotor Specifications

Model Single Shaft Double Shaft	Gear Ratio	Holding Torque*		Step Angle	Permissible Speed r/min
		N-m	lb-in		
PK243A1A-SG3.6 , PK243A2A-SG3.6 PK243B1A-SG3.6 , PK243B2A-SG3.6	3.6:1	0.2	1.77	0.5°	500
PK243A1A-SG7.2 , PK243A2A-SG7.2 PK243B1A-SG7.2 , PK243B2A-SG7.2	7.2:1	0.4	3.5	0.25°	250
PK243A1A-SG9 , PK243A2A-SG9 PK243B1A-SG9 , PK243B2A-SG9	9:1	0.5	4.4	0.2°	200
PK243A1A-SG10 , PK243A2A-SG10 PK243B1A-SG10 , PK243B2A-SG10	10:1	0.56	4.9	0.18°	180
PK243A1A-SG18 , PK243A2A-SG18 PK243B1A-SG18 , PK243B2A-SG18	18:1	0.8	7.0	0.1°	100
PK243A1A-SG36 , PK243A2A-SG36 PK243B1A-SG36 , PK243B2A-SG36	36:1	0.8	7.0	0.05°	50

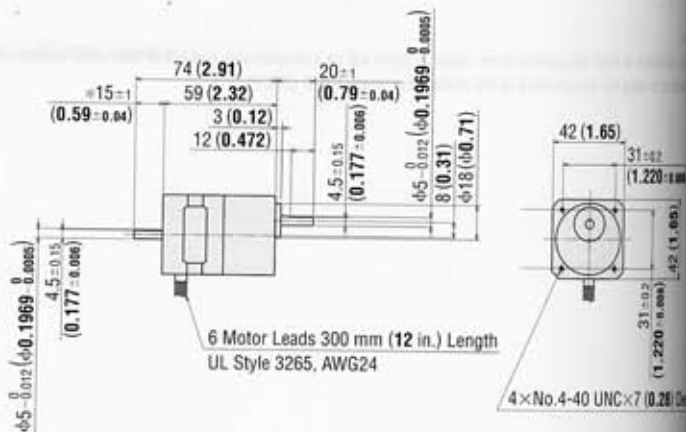
* Holding torque is the same regardless of the connection type, due to the permissible torque limit of the gearhead.

Dimensions Unit = mm (in.)

Model	Mass kg (lb.)	DXF
PK243A □ A-SG □	0.35 (0.77)	B091U
PK243B □ A-SG □		

- Enter the winding specification in the box (□) within the model name.
- Enter the gear ratio in the box (■) within the model name.
- Screws (Included)

No. 4-40 UNC Length 10 mm (0.39 in.) × 4 pieces



* The length of machining on the double shaft model is 15 ± 0.25 (0.591 ± 0.010).

These dimensions are for the double shaft models. For the single shaft models, ignore the orange (■) area.