

Product Specifications

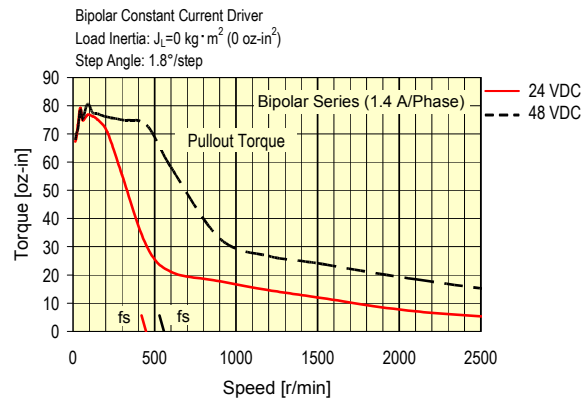
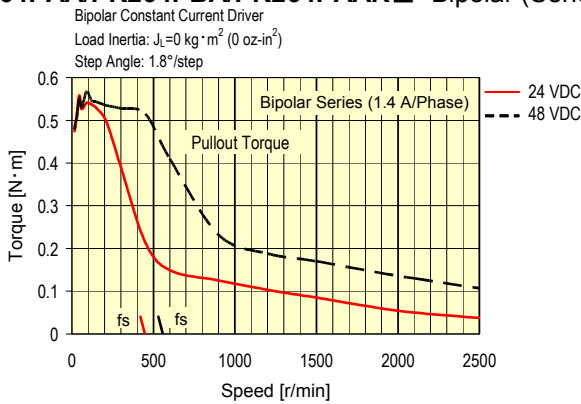
Motor Frame Size 56.4 mm (2.22 in.)

Type	Motor Single Shaft Double Shaft	Basic Step Angle	Connection Type	Holding Torque		Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Dimension Number	Corresponding DC-Input Motor & Driver Package
				N·m	oz-in					kg·m ²	oz-in ²		
High-Torque Type	PK264PAA PK264PBA	1.8°	Bipolar (Series)	0.6	85	1.4	4.1	2.9	7.2	120 × 10 ⁻⁷	0.66	①	CMK264PAPA
			Unipolar	0.51	72	2	2.9	1.45	1.8				
	PK266PAA PK266PBA	1.8°	Bipolar (Series)	1.4	198	1.4	5.6	4	11.6	290 × 10 ⁻⁷	1.59	②	CMK266PAPA
			Unipolar	1.1	156	2	4	2	2.9				
High-Torque Type with Encoder	PK268PAA PK268PBA	1.8°	Bipolar (Series)	2.3	320	1.4	6.9	4.9	17.6	490 × 10 ⁻⁷	2.7	②	CMK268PAPA
			Unipolar	1.75	240	2	4.9	2.45	4.4				
	PK264PAAR ■	1.8°	Bipolar (Series)	0.6	85	1.4	4.1	2.9	7.2	120 × 10 ⁻⁷	0.66	②	CMK264PAPA-R ■
			Unipolar	0.51	72	2	2.9	1.45	1.8				
PK266PAAR ■	1.8°	Bipolar (Series)	1.4	198	1.4	5.6	4	11.6	290 × 10 ⁻⁷	1.59	②	CMK266PAPA-R ■	
		Unipolar	1.1	156	2	4	2	2.9					
PK268PAAR ■	1.8°	Bipolar (Series)	2.3	320	1.4	6.9	4.9	17.6	490 × 10 ⁻⁷	2.7	②	CMK268PAPA-R ■	
		Unipolar	1.75	240	2	4.9	2.45	4.4					

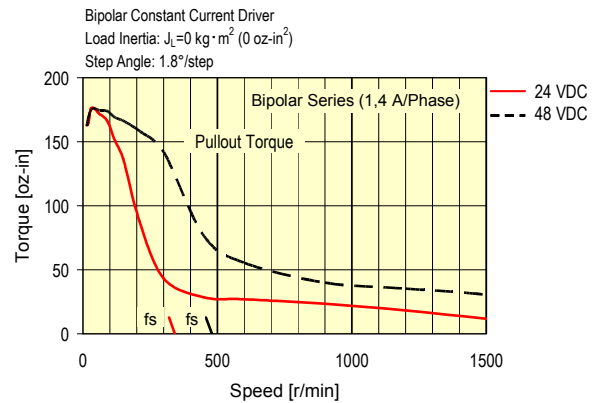
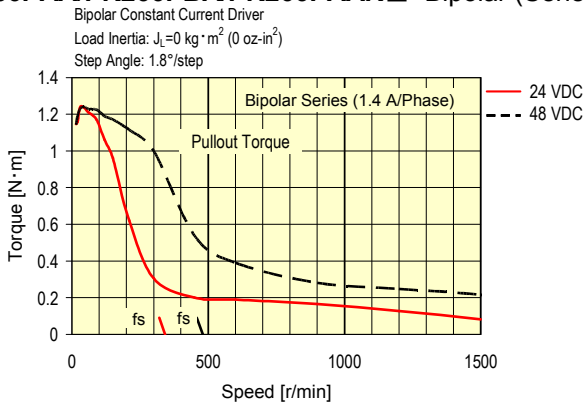
● Enter the encoder code (15, 16, 25 or 26) in the box (■) within the model name.

Speed – Torque Characteristics fs: Maximum Starting Speed

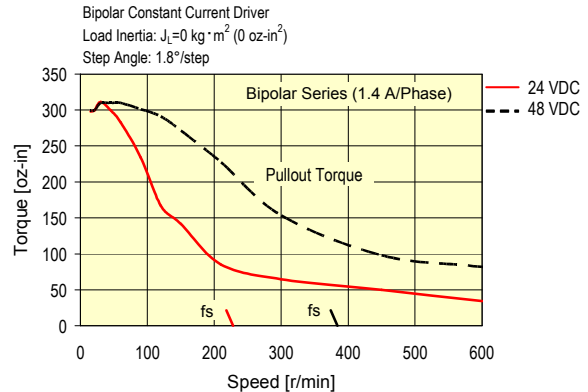
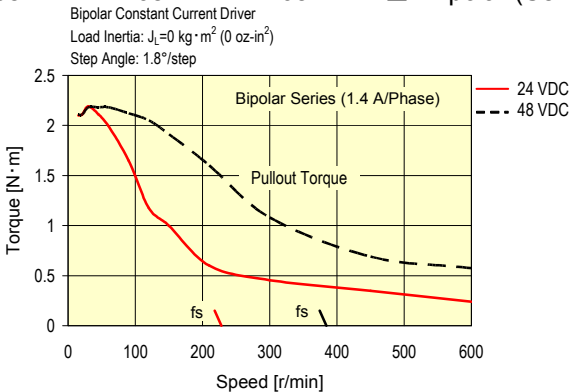
PK264PAA/PK264PBA/PK264PAAR ■ Bipolar (Series)



PK266PAA/PK266PBA/PK266PAAR ■ Bipolar (Series)



PK268PAA/PK268PBA/PK268PAAR ■ Bipolar (Series)



- Please refer to Page 5 for the speed – Torque Characteristics for Unipolar.
- Enter the encoder code (15, 16, 25 or 26) in the box (■) within the model name.
- The pulse input circuit responds to approximately 100 kHz with a pulse duty of 50%.

Notes:

- Pay attention to heat dissipation from motor as there will be a considerable amount of heat under certain conditions. Be sure to keep the temperature of the motor case under 100°C (212°F).

Product Specifications

Motor Frame Size: □28 mm (□1.10 in.)

Type	Model		Basic Step Angle	Connection Type	Holding Torque		Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Dimension Number	Corresponding DC-Input Motor & Driver Package
	Single Shaft	Double Shaft			N·m	oz-in					kg·m ²	oz-in ²		
High-Torque Type	PK223PDA		1.8°	Bipolar		0.065	9.2	1.5	1.8	1.2	0.74	9 × 10 ⁻⁷	0.049	RBK223PA
	PK223PDB													RBK223PB
	PK224PDA													RBK224PA
	PK224PDB													RBK224PB
	PK225PDA													RBK225PA
High-Torque Type With Encoder	PK225PDB		1.8°	Bipolar		0.11	15.6	1.5	3	2.05	1	18 × 10 ⁻⁷	0.098	RBK225PB
	PK223PDAR15													RBK223PA-R15
	PK224PDAR15													RBK224PA-R15
	PK225PDAR15													RBK225PA-R15

Motor Frame Size: □35 mm (□1.38 in.)

Type	Model		Basic Step Angle	Connection Type	Holding Torque		Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Dimension Number	Corresponding DC-Input Motor & Driver Package
	Single Shaft	Double Shaft			N·m	oz-in					kg·m ²	oz-in ²		
High-Torque Type	PK233PDA		1.8°	Bipolar		0.2	28	1.5	2.43	1.62	1.5	24 × 10 ⁻⁷	0.131	RBK233PA
	PK233PDB													RBK233PB
	PK235PDA													RBK235PA
	PK235PDB													RBK235PB
High-Torque Type with Encoder	PK233PDAR■		1.8°	Bipolar		0.2	28	1.5	2.43	1.62	1.5	24 × 10 ⁻⁷	0.131	RBK233PA-R■
	PK235PDAR■													RBK235PA-R■

Motor Frame Size: □42 mm (□1.65 in.)

Type	Model		Basic Step Angle	Connection Type	Holding Torque		Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Dimension Number	Corresponding DC-Input Motor & Driver Package
	Single Shaft	Double Shaft			N·m	oz-in					kg·m ²	oz-in ²		
High-Torque Type	PK244PDA		1.8°	Bipolar		0.48	68	1.5	3.9	2.6	4.9	57 × 10 ⁻⁷	0.31	RBK244PA
	PK244PDB													RBK244PB
	PK246PDA													RBK246PA
	PK246PDB													RBK246PB
High-Torque Type with Encoder	PK244PDAR■		1.8°	Bipolar		0.48	68	1.5	3.9	2.6	4.9	57 × 10 ⁻⁷	0.31	RBK244PA-R■
	PK246PDAR■													RBK246PA-R■

Motor Frame Size: □42 mm (□1.65 in.)

Type	Model		Basic Step Angle	Connection Type	Holding Torque		Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Dimension Number	Corresponding DC-Input Motor & Driver Package
	Single Shaft	Double Shaft			N·m	lb-in					kg·m ²	oz-in ²		
PL Geared Type	PK244PDA-P5		0.36°	Bipolar		1	8.8	1.5	2.14	1.43	1.5	57 × 10 ⁻⁷	0.31	RBK244PA-P5
	PK244PDB-P5													RBK244PB-P5
	PK244PDA-P10		0.18°											RBK244PA-P10
	PK244PDB-P10													RBK244PB-P10
PL Geared Type with Encoder	PK244PDA-P36		0.05°	Bipolar		3	26	1.5	1.2	0.8	0.47	57 × 10 ⁻⁷	0.31	RBK244PA-P36
	PK244PDB-P36													RBK244PB-P36
	PK244PDAR■-P5		0.36°											RBK244PAR■-P5
	PK244PDAR■-P10		0.18°											RBK244PAR■-P10
PL Geared Type with Encoder	PK244PDAR■-P36		0.05°	Bipolar		3	26	1.5	1.2	0.8	0.47	57 × 10 ⁻⁷	0.31	RBK244PAR■-P36

● Enter the encoder code (15, 16, 25 or 26) in the box (■) within the model name.

Motor Frame Size: □56.4 mm (□2.22 in.)

Type	Model		Basic Step Angle	Connection Type	Holding Torque		Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Dimension Number	Corresponding DC-Input Motor & Driver Package
	Single Shaft	Double Shaft			N·m	oz-in					kg·m ²	oz-in ²		
Standard Type	PK264DA		1.8°	Bipolar	0.48	68	4.2	1.26	0.3	0.6	120 × 10 ⁻⁷	0.66	2009/2010 General Catalog C-173	RBK264A
	PK264DB				0.48	68	4.2	1.26	0.3	0.6	120 × 10 ⁻⁷	0.66		RBK264B
	PK266DA				1.17	166	4.2	1.68	0.4	1.1	300 × 10 ⁻⁷	1.64		RBK266A
	PK266DB				1.17	166	4.2	1.68	0.4	1.1	300 × 10 ⁻⁷	1.64		RBK266B
Standard Type with Encoder	PK268DA		1.8°	Bipolar	1.75	240	4.2	2.1	0.5	1.6	480 × 10 ⁻⁷	2.6	⑦	RBK268A
	PK268DB				1.75	240	4.2	2.1	0.5	1.6	480 × 10 ⁻⁷	2.6		RBK268B
	PK264DAR■				0.48	68	4.2	1.26	0.3	0.6	120 × 10 ⁻⁷	0.66		RBK264A-R■
Standard Type Terminal Box	PK266DAR■		1.8°	Bipolar	1.17	166	4.2	1.68	0.4	1.1	300 × 10 ⁻⁷	1.64	2009/2010 General Catalog C-174	RBK266A-R■
	PK268DAR■				1.75	240	4.2	2.1	0.5	1.6	480 × 10 ⁻⁷	2.6		RBK268A-R■
	PK264D1T				0.48	68	4.2	1.26	0.3	0.6	120 × 10 ⁻⁷	0.66		RBK264A-R■
Standard Type Terminal Box	PK266D1T		1.8°	Bipolar	1.17	166	4.2	1.68	0.4	1.1	300 × 10 ⁻⁷	1.64	2009/2010 General Catalog C-174	RBK266A-R■
	PK268D1T				1.75	240	4.2	2.1	0.5	1.6	480 × 10 ⁻⁷	2.6		RBK268A-R■
	PK266D1T				1.17	166	4.2	1.68	0.4	1.1	300 × 10 ⁻⁷	1.64		RBK266A-R■

Motor Frame Size: □60 mm (□2.36 in.)

Type	Model		Basic Step Angle	Connection Type	Holding Torque		Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Dimension Number	Corresponding DC-Input Motor & Driver Package
	Single Shaft	Double Shaft			N·m	lb-in					kg·m ²	oz-in ²		
PL Geared Type	PK266PDA-P5		0.36°	Bipolar	3.5	30	2.8	1.62	0.58	0.97	290 × 10 ⁻⁷	1.59	⑩	RBK266PA-P5
	PK266PDB-P5		0.36°		3.5	30	2.8	1.62	0.58	0.97	290 × 10 ⁻⁷	1.59		RBK266PB-P5
	PK266PDA-P10		0.18°		5	44	2.8	1.62	0.58	0.97	290 × 10 ⁻⁷	1.59		RBK266PA-P10
	PK266PDB-P10		0.18°		5	44	2.8	1.62	0.58	0.97	290 × 10 ⁻⁷	1.59		RBK266PB-P10
PL Geared Type with Encoder	PK264PDA-P36		0.05°	Bipolar	8	70	2.8	1.29	0.46	0.73	120 × 10 ⁻⁷	0.66	⑫	RBK264PA-P36
	PK264PDB-P36		0.05°		8	70	2.8	1.29	0.46	0.73	120 × 10 ⁻⁷	0.66		RBK264PB-P36
	PK266PDAR■-P5		0.36°		3.5	30	2.8	1.62	0.58	0.97	290 × 10 ⁻⁷	1.59		RBK266PAR■-P5
PL Geared Type with Encoder	PK266PDAR■-P10		0.18°	Bipolar	5	44	2.8	1.62	0.58	0.97	290 × 10 ⁻⁷	1.59	⑫	RBK266PAR■-P10
	PK264PDAR■-P36		0.05°		8	70	2.8	1.29	0.46	0.73	120 × 10 ⁻⁷	0.66		RBK264PAR■-P36
	PK266PDAR■-P5		0.36°		3.5	30	2.8	1.62	0.58	0.97	290 × 10 ⁻⁷	1.59		RBK266PAR■-P5

Motor Frame Size: □85 mm (□3.35 in.)

Type	Model		Basic Step Angle	Connection Type	Holding Torque		Rated Current	Voltage	Resistance	Inductance	Rotor Inertia J		Dimension Number	Corresponding DC-Input Motor & Driver Package
	Single Shaft	Double Shaft			N·m	oz-in					kg·m ²	oz-in ²		
Standard Type	PK296DAA		1.8°	Bipolar	2.2	310	4.5	1.1	0.24	1.5	1400 × 10 ⁻⁷	7.7	2009/2010 General Catalog C-174	RBK296AA
	PK296DAB				2.2	310	4.5	1.1	0.24	1.5	1400 × 10 ⁻⁷	7.7		RBK296BA
	PK299DAA				4.4	620	4.5	1.5	0.33	2.5	2700 × 10 ⁻⁷	14.8		RBK299AA
	PK299DAB				4.4	620	4.5	1.5	0.33	2.5	2700 × 10 ⁻⁷	14.8		RBK299BA
Standard Type with Encoder	PK2913DAA		1.8°	Bipolar	6.6	930	4.5	2.2	0.49	4.2	4000 × 10 ⁻⁷	22	⑧	RBK2913AA
	PK2913DAB				6.6	930	4.5	2.2	0.49	4.2	4000 × 10 ⁻⁷	22		RBK2913BA
	PK296DAAR■				2.2	310	4.5	1.1	0.24	1.5	1400 × 10 ⁻⁷	7.7		RBK296AA-R■
Standard Type Terminal Box	PK299DAAR■		1.8°	Bipolar	4.4	620	4.5	1.5	0.33	2.5	2700 × 10 ⁻⁷	14.8	2009/2010 General Catalog C-174	RBK299AA-R■
	PK2913DAAR■				6.6	930	4.5	2.2	0.49	4.2	4000 × 10 ⁻⁷	22		RBK2913AA-R■
	PK296DT				2.2	310	4.5	1.1	0.24	1.5	1400 × 10 ⁻⁷	7.7		RBK296AA-R■
Standard Type Terminal Box	PK299DT		1.8°	Bipolar	4.4	620	4.5	1.5	0.33	2.5	2700 × 10 ⁻⁷	14.8	2009/2010 General Catalog C-174	RBK299AA-R■
	PK2913DT				6.6	930	4.5	2.2	0.49	4.2	4000 × 10 ⁻⁷	22		RBK2913AA-R■
	PK296DT				2.2	310	4.5	1.1	0.24	1.5	1400 × 10 ⁻⁷	7.7		RBK296AA-R■

● Enter the encoder code (15, 16, 25 or 26) in the box (■) within the model name.

