

Step Angle 1.8° Frame Size 56.4 mm (6 or 8 lead wires)

Standard Type

Specifications RoHS

Product Name Single Shaft Double Shaft	Connection Type	Maximum Holding Torque N-m	Rotor Inertia J: kg-m ²	Rated Current A/Phase	Voltage VDC	Resistance per Phase Ω/Phase	Inductance mH/Phase	Basic Step Angle	Wirings and Connections (See Page A-334)	Corresponding Motor/Driver Package	Package Product Speed-Torque Characteristics	
										Product Name	Page	
PK264-01A PK264-01B	Bipolar (Series)	0.48	120 × 10 ⁻⁷	0.71	8.1	11.4	21.6	1.8°	[3]	-	-	
	Unipolar	0.39		1	5.7	5.7	5.4		[2]	-	-	
PK264-02A PK264-02B	Bipolar (Series)	0.48		1.4	3.9	2.8	5.6		[3]	-	-	
	Unipolar	0.39		2	2.8	1.4	1.4		[2]	CMK264□P	A-227	
PK264-03A PK264-03B	Bipolar (Series)	0.48		2.1	2.6	1.26	2.4		[3]	-	-	
	Unipolar	0.39		3	1.9	0.63	0.6		[2]	-	-	
PK264-E2.0A PK264-E2.0B	Bipolar (Parallel)	0.48		2.8	1.96	0.7	1.4		[6]	-	-	
	Bipolar (Series)	0.48		1.4	3.9	2.8	5.6		[5]	-	-	
	Unipolar	0.39		2	2.8	1.4	1.4		[4]	-	-	
PK266-01A PK266-01B	Bipolar (Series)	1.17		300 × 10 ⁻⁷	0.71	11	14.8		40	[3]	-	-
	Unipolar	0.9			1	7.4	7.4		10	[2]	-	-
PK266-02A PK266-02B	Bipolar (Series)	1.17			1.4	5	3.6		10	[3]	-	-
	Unipolar	0.9	2		3.6	1.8	2.5	[2]	CMK266□P	A-227		
PK266-03A PK266-03B	Bipolar (Series)	1.17	2.1		3.2	1.5	4.4	[3]	-	-		
	Unipolar	0.9	3		2.3	0.75	1.1	[2]	-	-		
PK266-E2.0A PK266-E2.0B	Bipolar (Parallel)	1.17	2.8		2.52	0.9	2.5	[6]	-	-		
	Bipolar (Series)	1.17	1.4		5	3.6	10	[5]	-	-		
	Unipolar	0.9	2		3.6	1.8	2.5	[4]	-	-		
PK268-01A PK268-01B	Bipolar (Series)	1.75	480 × 10 ⁻⁷		0.71	12	17.2	56	[3]	-	-	
	Unipolar	1.35			1	8.6	8.6	14	[2]	-	-	
PK268-02A PK268-02B	Bipolar (Series)	1.75			1.4	6.3	4.5	14.4	[3]	-	-	
	Unipolar	1.35		2	4.5	2.25	3.6	[2]	CMK268□P	A-227		
PK268-03A PK268-03B	Bipolar (Series)	1.75		2.1	4.2	2	6.4	[3]	-	-		
	Unipolar	1.35		3	3	1	1.6	[2]	-	-		
PK268-E2.0A PK268-E2.0B	Bipolar (Parallel)	1.75		2.8	3.16	1.13	3.6	[6]	-	-		
	Bipolar (Series)	1.75		1.4	6.3	4.5	14.4	[5]	-	-		
	Unipolar	1.35		2	4.5	2.25	3.6	[4]	-	-		

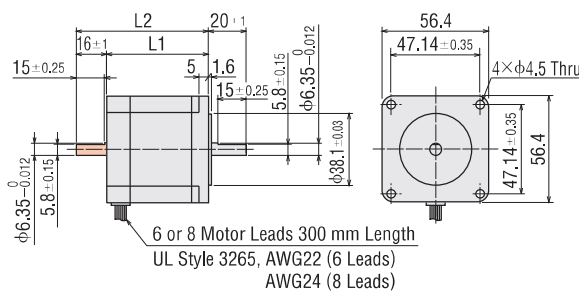
● **A** or **B** indicating motor shaft type is entered where the box □ is located within the product name.

● For the speed – torque characteristics of the motors in the table above, see the characteristics of the corresponding motor and driver package. If there is no corresponding package name, refer to the following characteristics.

Dimensions (Unit = mm)

Product Name	L1	L2	Mass kg
PK264DA PK264-0□A PK264-E2.0A	39	-	0.45
PK264DB PK264-0□B PK264-E2.0B		55	
PK266DA PK266-0□A PK266-E2.0A	54	-	0.7
PK266DB PK266-0□B PK266-E2.0B		70	
PK268DA PK268-0□A PK268-E2.0A	76	-	1.0
PK268DB PK268-0□B PK268-E2.0B		92	

● A number indicating the motor specification is entered where the box □ is located within the product name.



● These dimensions are for double shaft models.

For single shaft models, ignore the shaft in the shaded areas.

Step Angle 1.8° Frame Size 56.4 mm (6 or 8 lead wires)

Standard Type with Encoder

Specifications (RoHS)

Product Name	Connection Type	Maximum Holding Torque	Rotor Inertia	Rated Current	Voltage	Resistance per Phase	Inductance	Basic Step Angle	Wirings and Connections	
Single Shaft		N·m	J: kg·m ²	A/Phase	VDC	Ω/Phase	mH/Phase		(See Page A-334)	
PK264-01AR21-L	Bipolar (Series)	0.48	120×10 ⁻⁷	0.71	8.1	11.4	21.6	1.8°	[3]	
PK264-01AR22-L	Unipolar	0.39		1	5.7	5.7	5.4		[2]	
PK264-02AR21-L	Bipolar (Series)	0.48		1.4	3.9	2.8	5.6		[3]	
PK264-02AR22-L	Unipolar	0.39		2	2.8	1.4	1.4		[2]	
PK264-03AR21-L	Bipolar (Series)	0.48		2.1	2.6	1.26	2.4		[3]	
PK264-03AR22-L	Unipolar	0.39		3	1.9	0.63	0.6		[2]	
PK264EAR21-L	Bipolar (Parallel)	0.48		2.8	1.96	0.7	1.4		[6]	
PK264EAR22-L	Bipolar (Series)	0.48		1.4	3.9	2.8	5.6		[5]	
	Unipolar	0.39		2	2.8	1.4	1.4		[4]	
PK266-01AR21-L	Bipolar (Series)	1.17		300×10 ⁻⁷	0.71	11	14.8		40	[3]
PK266-01AR22-L	Unipolar	0.9			1	7.4	7.4		10	[2]
PK266-02AR21-L	Bipolar (Series)	1.17			1.4	5	3.6		10	[3]
PK266-02AR22-L	Unipolar	0.9	2		3.6	1.8	2.5	[2]		
PK266-03AR21-L	Bipolar (Series)	1.17	2.1		3.2	1.5	4.4	[3]		
PK266-03AR22-L	Unipolar	0.9	3		2.3	0.75	1.1	[2]		
PK266EAR21-L	Bipolar (Parallel)	1.17	2.8		2.52	0.9	2.5	[6]		
PK266EAR22-L	Bipolar (Series)	1.17	1.4		5	3.6	10	[5]		
	Unipolar	0.9	2		3.6	1.8	2.5	[4]		
PK268-01AR21-L	Bipolar (Series)	1.75	480×10 ⁻⁷		0.71	12	17.2	56	[3]	
PK268-01AR22-L	Unipolar	1.35			1	8.6	8.6	14	[2]	
PK268-02AR21-L	Bipolar (Series)	1.75			1.4	6.3	4.5	14.4	[3]	
PK268-02AR22-L	Unipolar	1.35		2	4.5	2.25	3.6	[2]		
PK268-03AR21-L	Bipolar (Series)	1.75		2.1	4.2	2	6.4	[3]		
PK268-03AR22-L	Unipolar	1.35		3	3	1	1.6	[2]		
PK268EAR21-L	Bipolar (Parallel)	1.75		2.8	3.16	1.13	3.6	[6]		
PK268EAR22-L	Bipolar (Series)	1.75		1.4	6.3	4.5	14.4	[5]		
	Unipolar	1.35		2	4.5	2.25	3.6	[4]		

- "R21" and "R22" in the product name indicate the encoder resolution.
R21: 200 pulses/revolution R22: 400 pulses/revolution
- Encoder cable (0.6 m) is included.

Dimensions (Unit = mm)

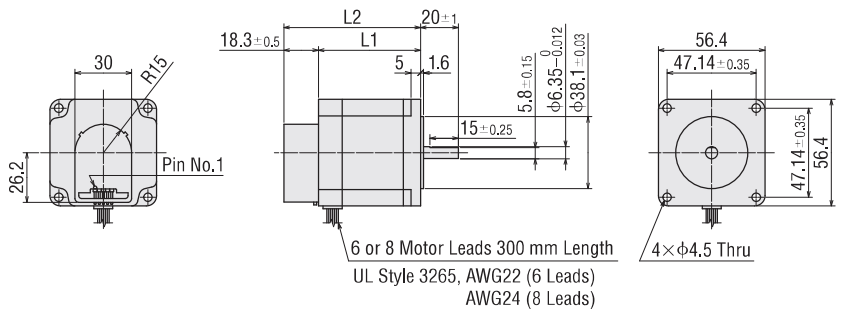
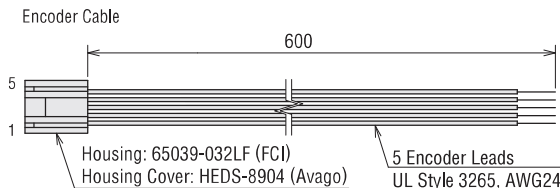
Product Name	Motor Product Name	L1	L2	Mass kg
PK264-0□AR21-L	PK264-0□AR21	39	57.3	0.47
PK264-0□AR22-L	PK264-0□AR22			
PK264EAR21-L	PK264EAR21			
PK264EAR22-L	PK264EAR22	54	72.3	0.72
PK266-0□AR21-L	PK266-0□AR21			
PK266-0□AR22-L	PK266-0□AR22			
PK266EAR21-L	PK266EAR21	76	94.3	1.02
PK266EAR22-L	PK266EAR22			
PK268-0□AR21-L	PK268-0□AR21			
PK268-0□AR22-L	PK268-0□AR22	76	94.3	1.02
PK268EAR21-L	PK268EAR21			
PK268EAR22-L	PK268EAR22			

- A number indicating the motor specification is entered where the box □ is located within the product name.

● Applicable Encoder Connector

Connector Product Name	Manufacturer
640442-5	Tyco Electronics Japan G. K.
HEDS-8903 (For 3-Channel: 5-lead wires)	Avago Technologies Limited
2695 Series (Housing)	Molex
2759 Series (Contact)	

● Included Encoder Cable

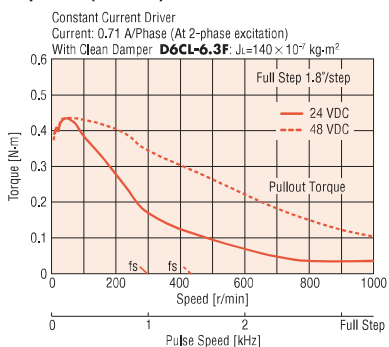


Encoder Specifications

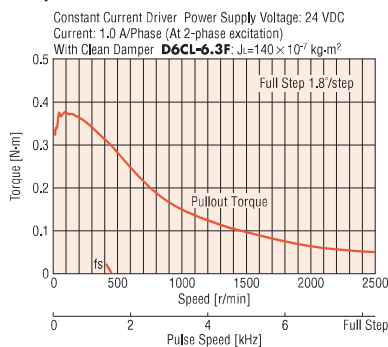
→ Page A-336

Speed – Torque Characteristics

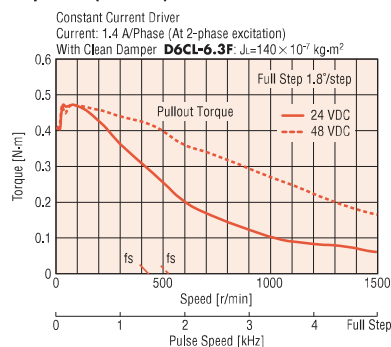
PK264-01A/PK264-01B PK264-01AR21-L/PK264-01AR22-L Bipolar (Series)



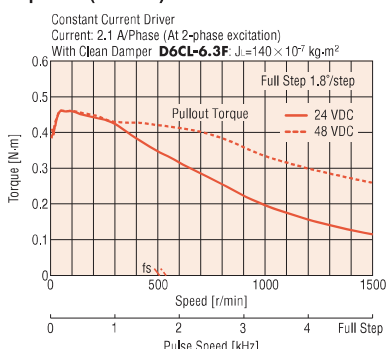
PK264-01A/PK264-01B PK264-01AR21-L/PK264-01AR22-L Unipolar



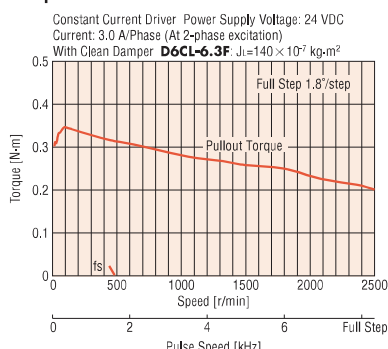
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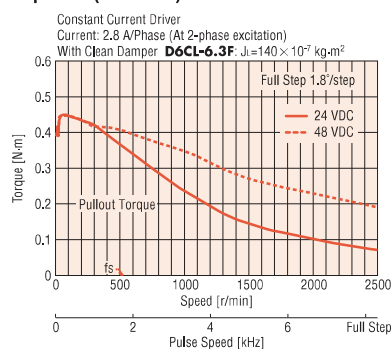
PK264-03A/PK264-03B PK264-03AR21-L/PK264-03AR22-L Bipolar (Series)



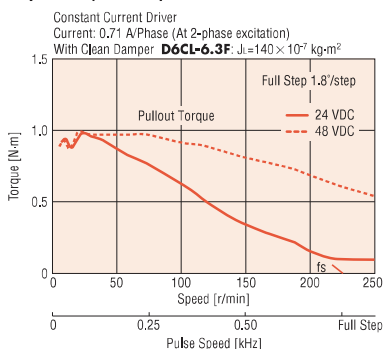
PK264-03A/PK264-03B PK264-03AR21-L/PK264-03AR22-L Unipolar



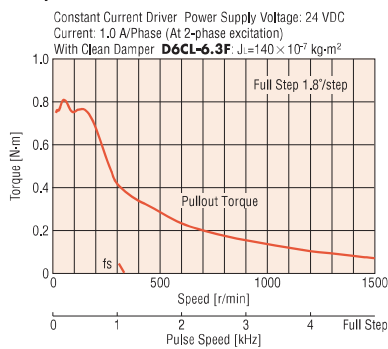
PK264-E2.0A/PK264-E2.0B PK264EAR21-L/PK264EAR22-L Bipolar (Parallel)



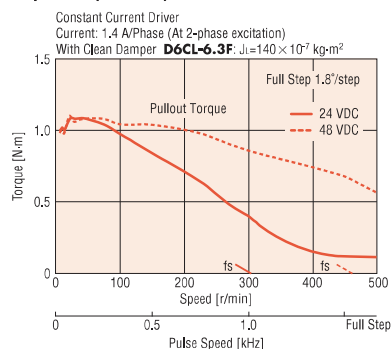
PK266-01A/PK266-01B PK266-01AR21-L/PK266-01AR22-L Bipolar (Series)



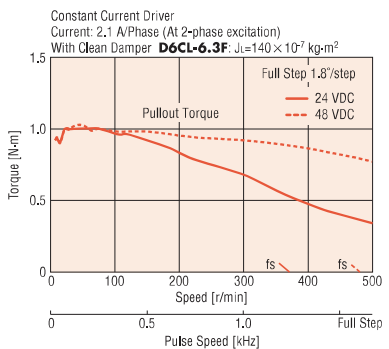
PK266-01A/PK266-01B PK266-01AR21-L/PK266-01AR22-L Unipolar



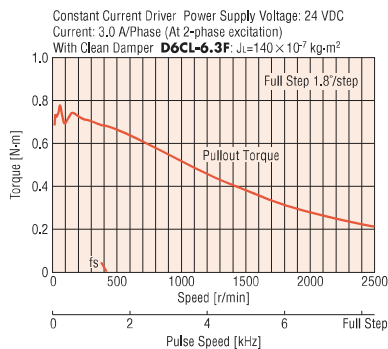
PK266-02A/PK266-02B PK266-02AR21-L/PK266-02AR22-L Bipolar (Series)



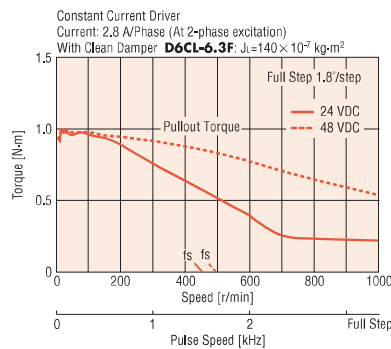
PK266-03A/PK266-03B PK266-03AR21-L/PK266-03AR22-L Bipolar (Series)



PK266-03A/PK266-03B PK266-03AR21-L/PK266-03AR22-L Unipolar



PK266-E2.0A/PK266-E2.0B PK266EAR21-L/PK266EAR22-L Bipolar (Parallel)



Note

● Depending on the driving conditions, a considerable amount of heat may be generated by the motor. Be sure to keep the motor case temperature at 100°C or less.

28 mm

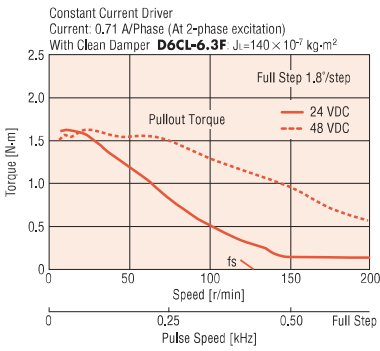
42 mm

50 mm

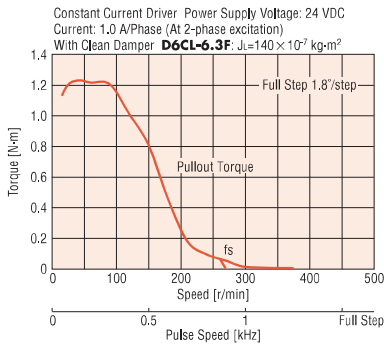
56.4 mm

Speed – Torque Characteristics

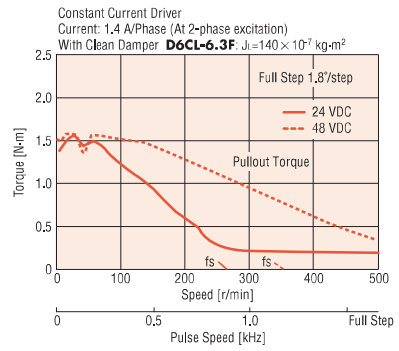
PK268-01A/PK268-01B
PK268-01AR21-L/PK268-01AR22-L
Bipolar (Series)



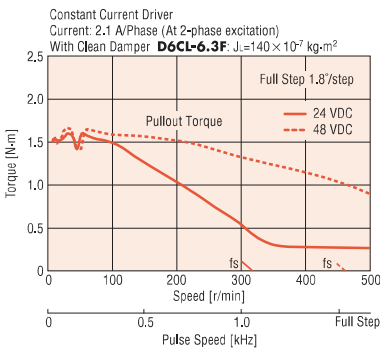
PK268-01A/PK268-01B
PK268-01AR21-L/PK268-01AR22-L
Unipolar



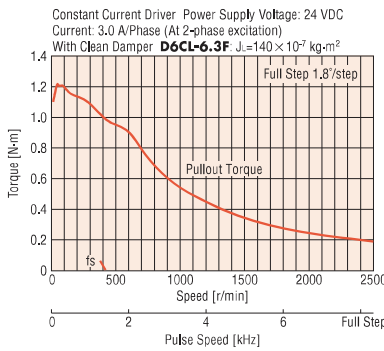
PK268-02A/PK268-02B
PK268-02AR21-L/PK268-02AR22-L
Bipolar (Series)



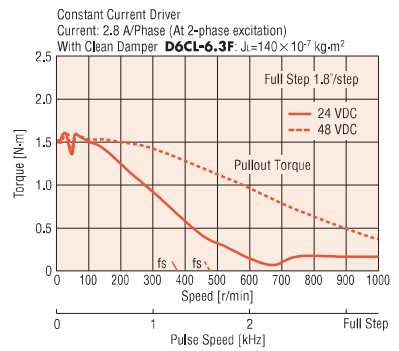
PK268-03A/PK268-03B
PK268-03AR21-L/PK268-03AR22-L
Bipolar (Series)



PK268-03A/PK268-03B
PK268-03AR21-L/PK268-03AR22-L
Unipolar



PK268-E2.0A/PK268-E2.0B
PK268EAR21-L/PK268EAR22-L
Bipolar (Parallel)



Note

● Depending on the driving conditions, a considerable amount of heat may be generated by the motor. Be sure to keep the motor case temperature at 100°C or less.

60 mm

85 mm

90 mm