

# 2.22 in. (56.4 mm)

## Step Angle 1.8°

### PK Series Standard Type



## Specifications

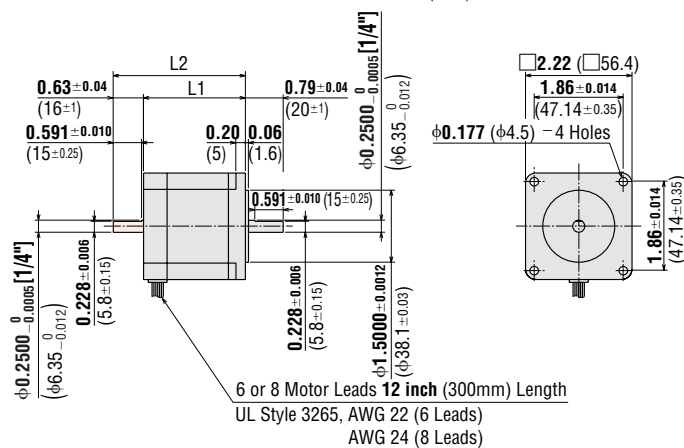
Model	Connection Type	Holding Torque		Current per Phase A/phase	Voltage VDC	Resistance per Phase Ω/phase	Inductance mH/phase	Rotor Inertia J		Lead Wires	Corresponding AC/DC-Input Motor & Driver Package
		oz-in	N·m					oz-in <sup>2</sup>	kg·m <sup>2</sup>		
<b>PK264-01A</b>	Bipolar (Series)	68	0.48	0.71	8.1	11.4	21.6	0.66	120×10 <sup>-7</sup>	6	—
<b>PK264-01B</b>	Unipolar	55	0.39	1	5.7	5.7	5.4				
<b>PK264-02A</b>	Bipolar (Series)	68	0.48	1.4	3.9	2.8	5.6	0.66	120×10 <sup>-7</sup>	6	<b>UMK264□A/ CSK264-□TA</b>
<b>PK264-02B</b>	Unipolar	55	0.39	2	2.8	1.4	1.4				
<b>PK264-03A</b>	Bipolar (Series)	68	0.48	2.1	2.6	1.26	2.4	0.66	120×10 <sup>-7</sup>	6	—
<b>PK264-03B</b>	Unipolar	55	0.39	3	1.9	0.63	0.6				
<b>PK264-E2.0A</b>	Bipolar (Parallel)	68	0.48	2.8	1.96	0.7	1.4	0.66	120×10 <sup>-7</sup>	8	—
<b>PK264-E2.0B</b>	Bipolar (Series)	68	0.48	1.4	3.9	2.8	5.6				
	Unipolar	55	0.39	2	2.8	1.4	1.4				
<b>PK266-01A</b>	Bipolar (Series)	166	1.17	0.71	11	14.8	40	1.64	300×10 <sup>-7</sup>	6	—
<b>PK266-01B</b>	Unipolar	127	0.9	1	7.4	7.4	10				
<b>PK266-02A</b>	Bipolar (Series)	166	1.17	1.4	5	3.6	10	1.64	300×10 <sup>-7</sup>	6	<b>UMK266□A/ CSK266-□TA</b>
<b>PK266-02B</b>	Unipolar	127	0.9	2	3.6	1.8	2.5				
<b>PK266-03A</b>	Bipolar (Series)	166	1.17	2.1	3.2	1.5	4.4	1.64	300×10 <sup>-7</sup>	6	—
<b>PK266-03B</b>	Unipolar	127	0.9	3	2.3	0.75	1.1				
<b>PK266-E2.0A</b>	Bipolar (Parallel)	166	1.17	2.8	2.52	0.9	2.5	1.64	300×10 <sup>-7</sup>	8	—
<b>PK266-E2.0B</b>	Bipolar (Series)	166	1.17	1.4	5	3.6	10				
	Unipolar	127	0.9	2	3.6	1.8	2.5				
<b>PK268-01A</b>	Bipolar (Series)	240	1.75	0.71	12	17.2	56	2.6	480×10 <sup>-7</sup>	6	—
<b>PK268-01B</b>	Unipolar	191	1.35	1	8.6	8.6	14				
<b>PK268-02A</b>	Bipolar (Series)	240	1.75	1.4	6.3	4.5	14.4	2.6	480×10 <sup>-7</sup>	6	<b>UMK268□A/ CSK268-□TA</b>
<b>PK268-02B</b>	Unipolar	191	1.35	2	4.5	2.25	3.6				
<b>PK268-03A</b>	Bipolar (Series)	240	1.75	2.1	4.2	2	6.4	2.6	480×10 <sup>-7</sup>	6	—
<b>PK268-03B</b>	Unipolar	191	1.35	3	3	1	1.6				
<b>PK268-E2.0A</b>	Bipolar (Parallel)	240	1.75	2.8	3.16	1.13	3.6	2.6	480×10 <sup>-7</sup>	8	—
<b>PK268-E2.0B</b>	Bipolar (Series)	240	1.75	1.4	6.3	4.5	14.4				
	Unipolar	191	1.35	2	4.5	2.25	3.6				

How to Read Specifications → Page C-9

Motor Wiring Diagrams → Page C-189

## Dimensions

Scale 1/4, Unit = inch (mm)



Model	L1 inch (mm)	L2 inch (mm)	Weight lb. (kg)	DXF
<b>PK264-0□A</b> <b>PK264-E2.0A</b>	1.54 (39)	—	0.99 (0.45)	B084
<b>PK264-0□B</b> <b>PK264-E2.0B</b>		2.17 (55)		
<b>PK266-0□A</b> <b>PK266-E2.0A</b>	2.13 (54)	—	1.5 (0.7)	B085
<b>PK266-0□B</b> <b>PK266-E2.0B</b>		2.76 (70)		
<b>PK268-0□A</b> <b>PK268-E2.0A</b>	2.99 (76)	—	2.2 (1)	B086
<b>PK268-0□B</b> <b>PK268-E2.0B</b>		3.62 (92)		

• Enter the winding specification in the box (□) within the model number.

• These dimensions are for double shaft models. For single shaft models, ignore the shaded area.

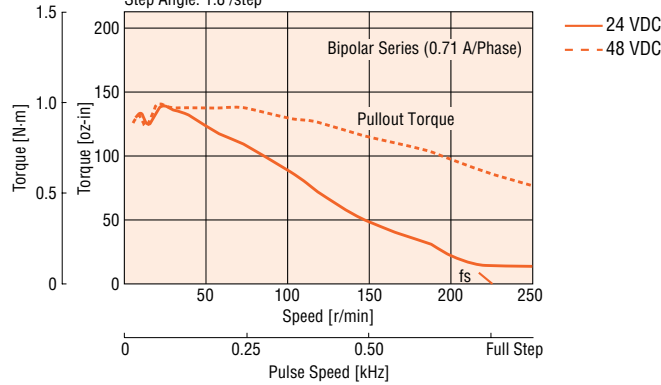


## Speed-Torque Characteristics

How to Read Speed-Torque Characteristics → Page C-10

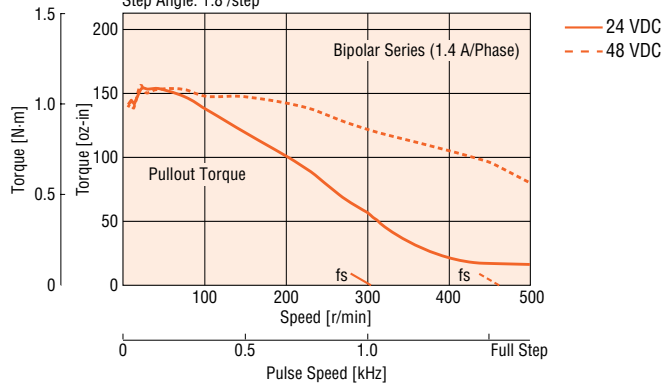
### PK266-01B Bipolar (Series)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle: 1.8°/step



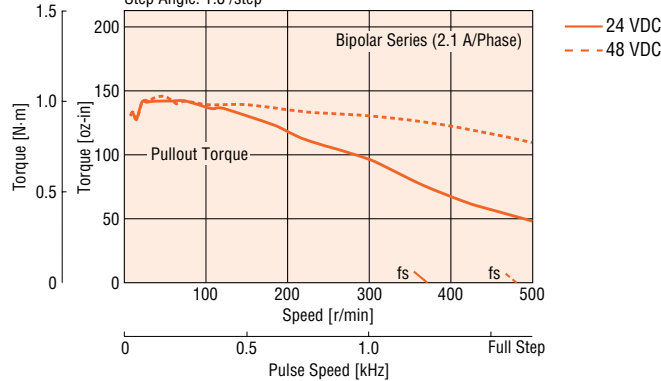
### PK266-02B Bipolar (Series)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle: 1.8°/step



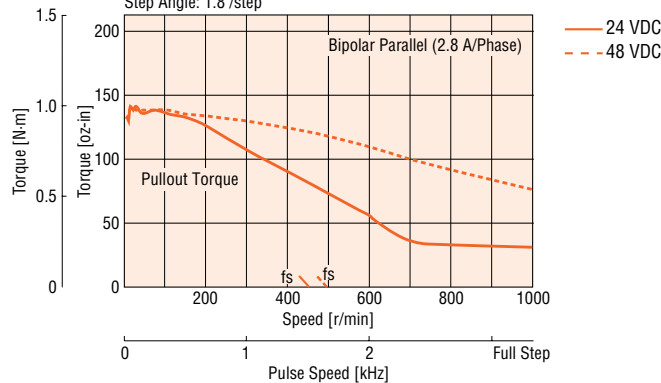
### PK266-03B Bipolar (Series)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle: 1.8°/step



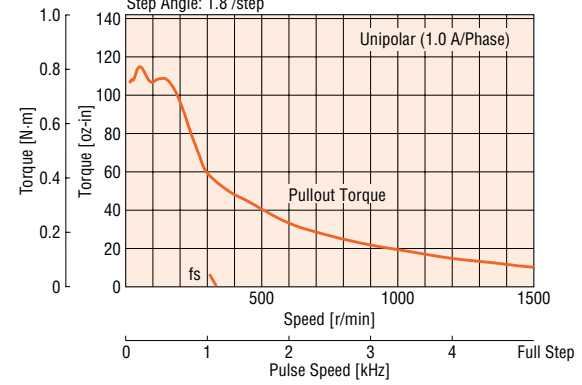
### PK266-E2.0B Bipolar (Parallel)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle: 1.8°/step



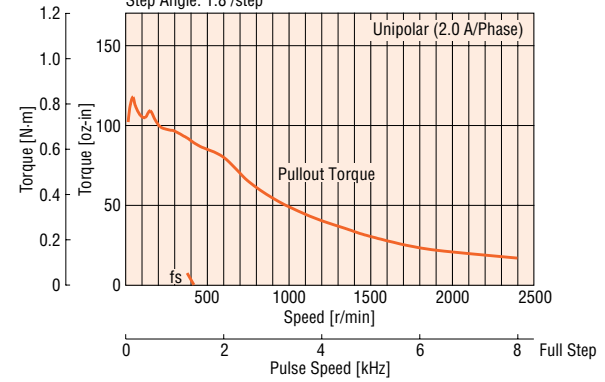
### PK266-01B Unipolar

Power Input: 24 VDC Unipolar Constant Current Driver  
With Damper **D6CL-6.3F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle: 1.8°/step



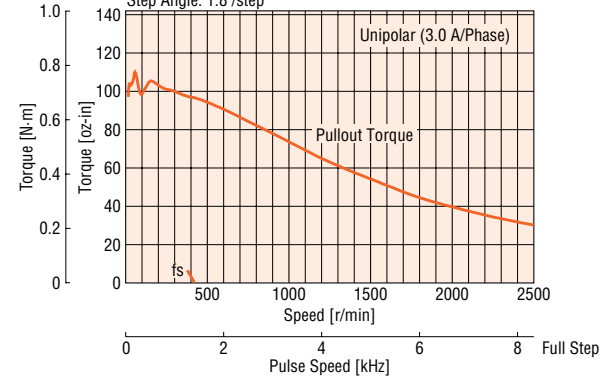
### PK266-02B Unipolar

Power Input: 24 VDC Unipolar Constant Current Driver  
With Damper **D6CL-6.3F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle: 1.8°/step



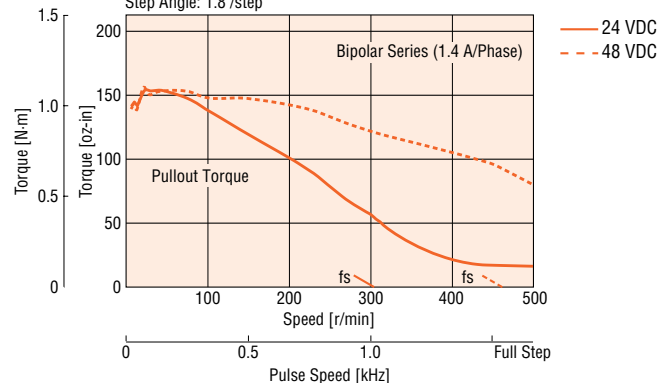
### PK266-03B Unipolar

Power Input: 24 VDC Unipolar Constant Current Driver  
With Damper **D6CL-6.3F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle: 1.8°/step



### PK266-E2.0B Bipolar (Series)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle: 1.8°/step





# □ 2.22 in. (□ 56.4 mm)

## Step Angle 0.9°

### PK Series High Resolution Type

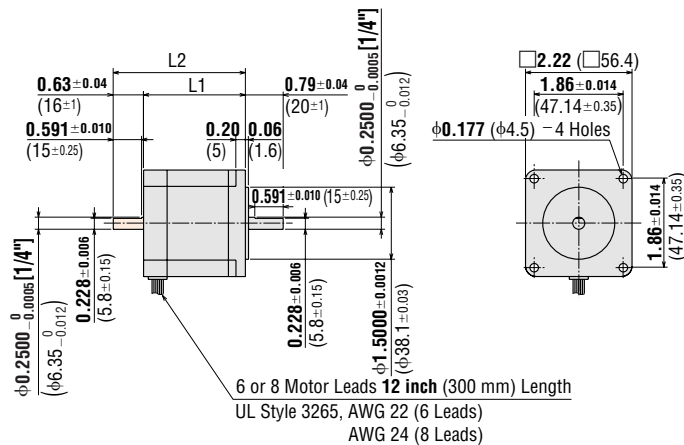


## Specifications

Model	Connection Type	Holding Torque		Current per Phase A/phase	Voltage VDC	Resistance per Phase Ω/phase	Inductance mH/phase	Rotor Inertia J		Lead Wires	Corresponding AC/DC-Input Motor & Driver Package
		oz-in	N·m					oz-in <sup>2</sup>	kg·m <sup>2</sup>		
<b>PK264M-01A</b>	Bipolar (Series)	68	0.48	0.71	8.1	11.4	26	0.66	120×10 <sup>-7</sup>	6	—
<b>PK264M-01B</b>	Unipolar	55	0.39	1	5.7	5.7	6.5				
<b>PK264M-02A</b>	Bipolar (Series)	68	0.48	1.4	3.9	2.8	6.8	0.66	120×10 <sup>-7</sup>	6	<b>UMK264M□A/ CSK264M-□TA</b>
<b>PK264M-02B</b>	Unipolar	55	0.39	2	2.8	1.4	1.7				
<b>PK264M-03A</b>	Bipolar (Series)	68	0.48	2.1	2.6	1.26	3	0.66	120×10 <sup>-7</sup>	6	—
<b>PK264M-03B</b>	Unipolar	55	0.39	3	1.9	0.63	0.75				
<b>PK264M-E2.0A</b>	Bipolar (Parallel)	68	0.48	2.8	1.96	0.7	1.7	0.66	120×10 <sup>-7</sup>	8	—
<b>PK264M-E2.0B</b>	Bipolar (Series)	68	0.48	1.4	3.9	2.8	6.8				
	Unipolar	55	0.39	2	2.8	1.4	1.7				
<b>PK266M-01A</b>	Bipolar (Series)	166	1.17	0.71	11	14.8	50.8	1.64	300×10 <sup>-7</sup>	6	—
<b>PK266M-01B</b>	Unipolar	127	0.9	1	7.4	7.4	12.7				
<b>PK266M-02A</b>	Bipolar (Series)	166	1.17	1.4	5	3.6	12.8	1.64	300×10 <sup>-7</sup>	6	<b>UMK266M□A/ CSK266M-□TA</b>
<b>PK266M-02B</b>	Unipolar	127	0.9	2	3.6	1.8	3.2				
<b>PK266M-03A</b>	Bipolar (Series)	166	1.17	2.1	3.2	1.5	5.8	1.64	300×10 <sup>-7</sup>	6	—
<b>PK266M-03B</b>	Unipolar	127	0.9	3	2.3	0.75	1.45				
<b>PK266M-E2.0A</b>	Bipolar (Parallel)	166	1.17	2.8	2.52	0.9	3.2	1.64	300×10 <sup>-7</sup>	8	—
<b>PK266M-E2.0B</b>	Bipolar (Series)	166	1.17	1.4	5	3.6	12.8				
	Unipolar	127	0.9	2	3.6	1.8	3.2				
<b>PK268M-01A</b>	Bipolar (Series)	240	1.75	0.71	12	17.2	77.6	2.6	480×10 <sup>-7</sup>	6	—
<b>PK268M-01B</b>	Unipolar	191	1.35	1	8.6	8.6	19.4				
<b>PK268M-02A</b>	Bipolar (Series)	240	1.75	1.4	6.3	4.5	19.2	2.6	480×10 <sup>-7</sup>	6	<b>UMK268M□A/ CSK268M-□TA</b>
<b>PK268M-02B</b>	Unipolar	191	1.35	2	4.5	2.25	4.8				
<b>PK268M-03A</b>	Bipolar (Series)	240	1.75	2.1	4.2	2	8.4	2.6	480×10 <sup>-7</sup>	6	—
<b>PK268M-03B</b>	Unipolar	191	1.35	3	3	1	2.1				
<b>PK268M-E2.0A</b>	Bipolar (Parallel)	240	1.75	2.8	3.16	1.13	4.8	2.6	480×10 <sup>-7</sup>	8	—
<b>PK268M-E2.0B</b>	Bipolar (Series)	240	1.75	1.4	6.3	4.5	19.2				
	Unipolar	191	1.35	2	4.5	2.25	4.8				

How to Read Specifications → Page C-9  
Motor Wiring Diagrams → Page C-189

## Dimensions Scale 1/4, Unit = inch (mm)



• These dimensions are for double shaft models. For single shaft models, ignore the shaded area.

Model	L1 inch (mm)	L2 inch (mm)	Weight lb. (kg)	DXF
<b>PK264M-0□A</b> <b>PK264M-E2.0A</b>	1.54 (39)	—	0.99 (0.45)	B084
<b>PK264M-0□B</b> <b>PK264M-E2.0B</b>		2.17 (55)		
<b>PK266M-0□A</b> <b>PK266M-E2.0A</b>	2.13 (54)	—	1.54 (0.7)	B085
<b>PK266M-0□B</b> <b>PK266M-E2.0B</b>		2.76 (70)		
<b>PK268M-0□A</b> <b>PK268M-E2.0A</b>	2.99 (76)	—	2.2 (1)	B086
<b>PK268M-0□B</b> <b>PK268M-E2.0B</b>		3.62 (92)		

• Enter the winding specification in the box (□) within the model number.

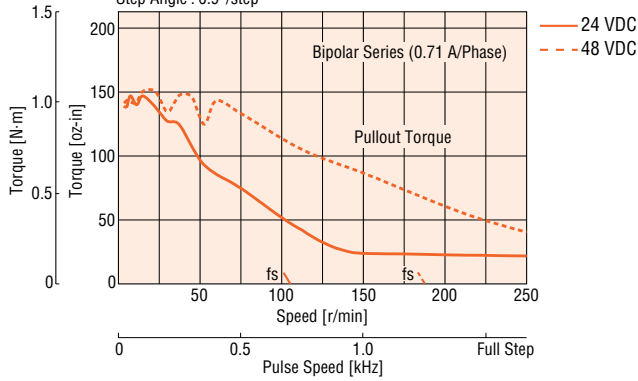


## Speed-Torque Characteristics

How to Read Speed-Torque Characteristics → Page C-10

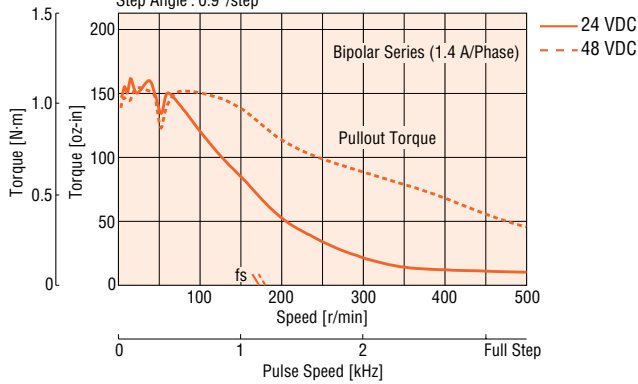
### PK266M-01B Bipolar (Series)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3 F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle:  $0.9^\circ/\text{step}$



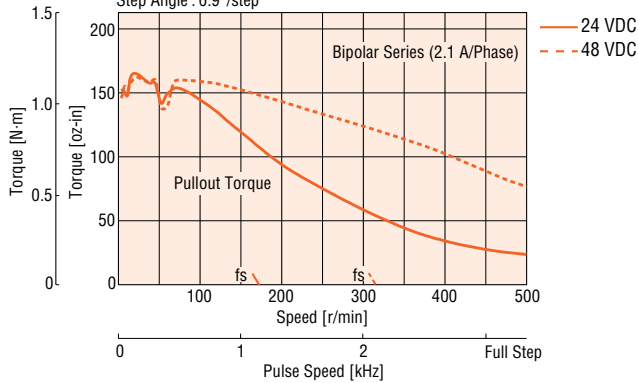
### PK266M-02B Bipolar (Series)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3 F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle:  $0.9^\circ/\text{step}$



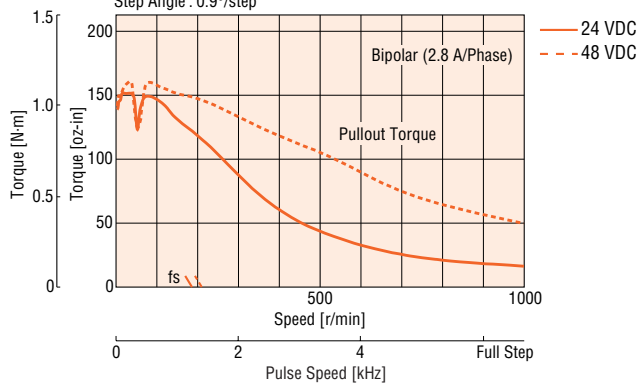
### PK266M-03B Bipolar (Series)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3 F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle:  $0.9^\circ/\text{step}$



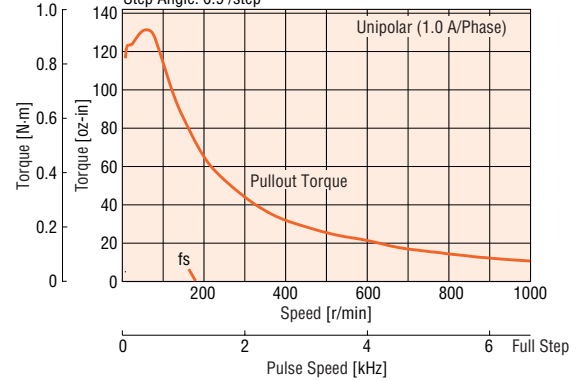
### PK266M-E2.0B Bipolar (Parallel)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3 F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle:  $0.9^\circ/\text{step}$



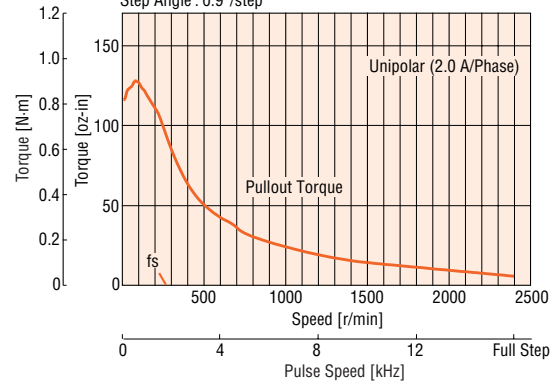
### PK266M-01B Unipolar

Power Input: 24 VDC Unipolar Constant Current Driver  
With Damper **D6CL-6.3 F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle:  $0.9^\circ/\text{step}$



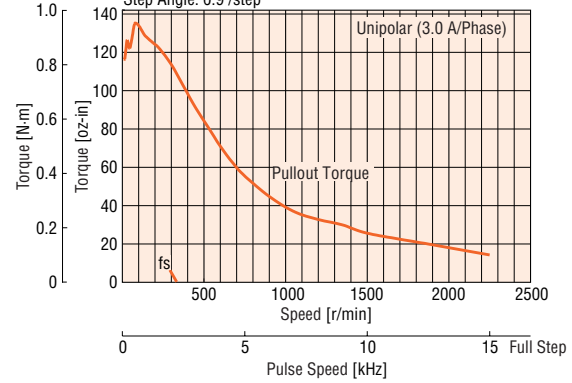
### PK266M-02B Unipolar

Power Input: 24 VDC Unipolar Constant Current Driver  
With Damper **D6CL-6.3 F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle:  $0.9^\circ/\text{step}$



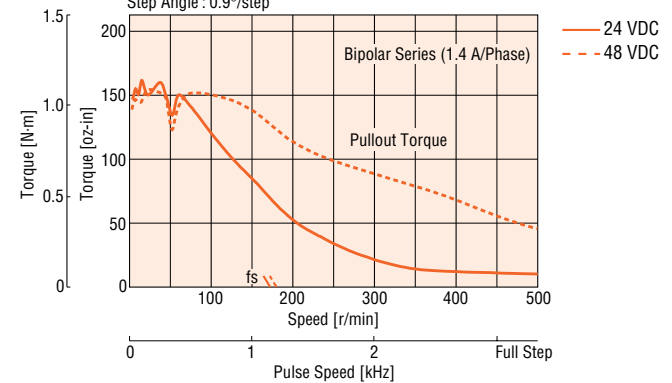
### PK266M-03B Unipolar

Power Input: 24 VDC Unipolar Constant Current Driver  
With Damper **D6CL-6.3 F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle:  $0.9^\circ/\text{step}$



### PK266M-E2.0B Bipolar (Series)

Bipolar Constant Current Driver  
With Damper **D6CL-6.3 F**:  $J_L = 0.77 \text{ oz-in}^2 (140 \times 10^{-7} \text{ kg-m}^2)$   
Step Angle:  $0.9^\circ/\text{step}$







# □ 2.36 in. (□ 60 mm)

## PK Series SH Geared Type



### Specifications

#### Motor Specifications

Model Single Shaft Double Shaft	Connection Type	Current per Phase A/phase	Voltage VDC	Resistance per Phase Ω/phase	Inductance mH/phase	Rotor Inertia J		Lead Wires	Corresponding DC-Input Motor & Driver Package
						oz-in <sup>2</sup>	kg-m <sup>2</sup>		
<b>PK264A1A-SG</b> □	Bipolar (Series)	0.71	8.1	11.4	21.6	0.66	120×10 <sup>-7</sup>	6	—
<b>PK264B1A-SG</b> □	Unipolar	1	5.7	5.7	5.4				
<b>PK264A2A-SG</b> □	Bipolar (Series)	1.4	3.9	2.8	5.6	0.66	120×10 <sup>-7</sup>	6	<b>CSK264</b> □ <b>TA-SG</b> □
<b>PK264B2A-SG</b> □	Unipolar	2	2.8	1.4	1.4				

How to Read Specifications → Page C-9

Motor Wiring Diagrams → Page C-189

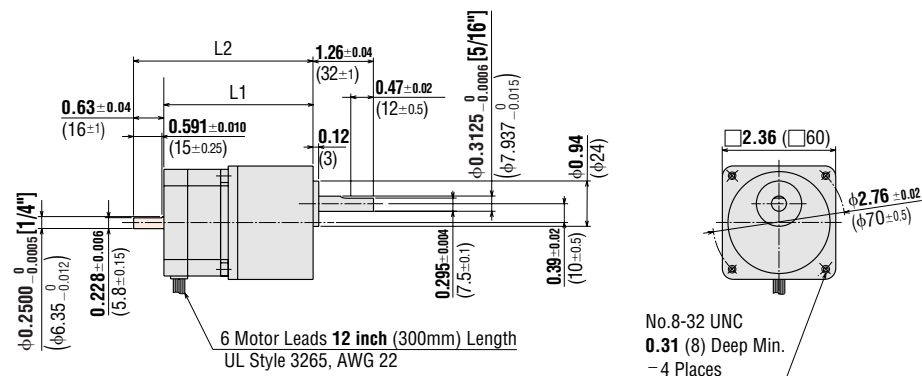
• Enter the gear ratio in the box (□) within the model number.

#### Gearmotor Specifications

Model Single Shaft Double Shaft	Gear Ratio	Holding Torque*		Step Angle	Permissible Speed
		lb-in	N-m		
<b>PK264A1A-SG3.6</b> , <b>PK264A2A-SG3.6</b> <b>PK264B1A-SG3.6</b> , <b>PK264B2A-SG3.6</b>	3.6:1	8.8	1	0.5°	500
<b>PK264A1A-SG7.2</b> , <b>PK264A2A-SG7.2</b> <b>PK264B1A-SG7.2</b> , <b>PK264B2A-SG7.2</b>	7.2:1	17.7	2	0.25°	250
<b>PK264A1A-SG9</b> , <b>PK264A2A-SG9</b> <b>PK264B1A-SG9</b> , <b>PK264B2A-SG9</b>	9:1	22	2.5	0.2°	200
<b>PK264A1A-SG10</b> , <b>PK264A2A-SG10</b> <b>PK264B1A-SG10</b> , <b>PK264B2A-SG10</b>	10:1	23	2.7	0.18°	180
<b>PK264A1A-SG18</b> , <b>PK264A2A-SG18</b> <b>PK264B1A-SG18</b> , <b>PK264B2A-SG18</b>	18:1	26	3	0.1°	100
<b>PK264A1A-SG36</b> , <b>PK264A2A-SG36</b> <b>PK264B1A-SG36</b> , <b>PK264B2A-SG36</b>	36:1	35	4	0.05°	50

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

### Dimensions Scale 1/4, Unit = inch (mm)



#### Mounting Screws (included)

No.8-32 UNC 0.59 in. (15 mm) length, 4 pieces

• These dimensions are for double shaft models. For single shaft models, ignore the shaded area.

Model	L1 inch (mm)	L2 inch (mm)	Weight lb. (kg)	DXF
<b>PK264A</b> □ <b>A-SG</b> □	3.11 (79)	—	1.7 (0.75)	B092U
<b>PK264B</b> □ <b>A-SG</b> □		3.74 (95)		

• Enter the winding specification in the box (□) within the model number.  
• Enter the gear ratio in the box (□) within the model number.

