

## ORIENTAL MOTOR UNIPOLAR 5 OR 6- WIRE WITH SH GEARBOX PKP SERIES HYBRID STEPPER MOTOR

PKP223U09A-SG7.2

PKP Series stepper motor, 2-Phase, 28mm frame, 5 or 6 leads, single shaft, SH7.2

- 28mm - 60mm Frame Size
- 0.3-4Nm Max. Holding Torque
- 0.95-2 A/Phase Rated Current
- Up to 1.7x more torque than other stepper motors.



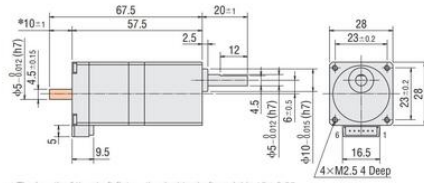
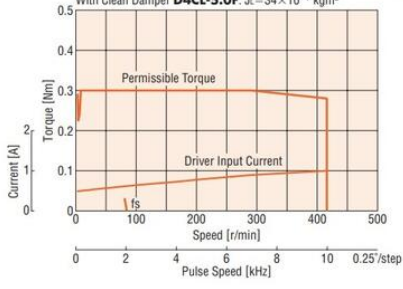
### PRODUCT DESCRIPTION

## TECHNICAL DATA

<b>Configuration</b>	Single Shaft
<b>Frame size</b>	28 mm
<b>Inductance</b>	1 mH/Phase
<b>Maximum Holding Torque</b>	0.3 Nm
<b>Number of phases</b>	2
<b>Number of Wires</b>	6
<b>Rated Current</b>	0.95 A/Phase
<b>Rotor Inertia</b>	$9 \times 10^{-7}$
<b>Step angle</b>	0.25 °
<b>Type</b>	SH Geared
<b>Weight</b>	0.16 kg
<b>Winding Resistance</b>	2.8 Ω/Phase
<b>Voltage</b>	2.66 V DC

**PKP223U09A-SG7.2/PKP223U09B-SG7.2**

Driver: **CMD2109P** Power Supply Voltage: 24 VDC Current: 0.95 A/Phase  
 With Clean Damper **D4CL-5.0F**,  $J_L = 34 \times 10^{-7} \text{ kgm}^2$



- \*The length of the shaft flat on the double shaft model is  $10 \pm 0.25$ .
- ⊙ These dimensions are for double shaft motors.
- For single shaft motors, ignore the shaded areas.