

PLG20-1000

STEPPING MOTORS

FEATURES

- Compact stepping motor with gear head
- Provided with connector terminals for easy connection
- RoHS compliant

APPLICATIONS

- Game machines
- Others



PART NUMBER DESIGNATION

PLG20 - 1000

Series name

Dash number

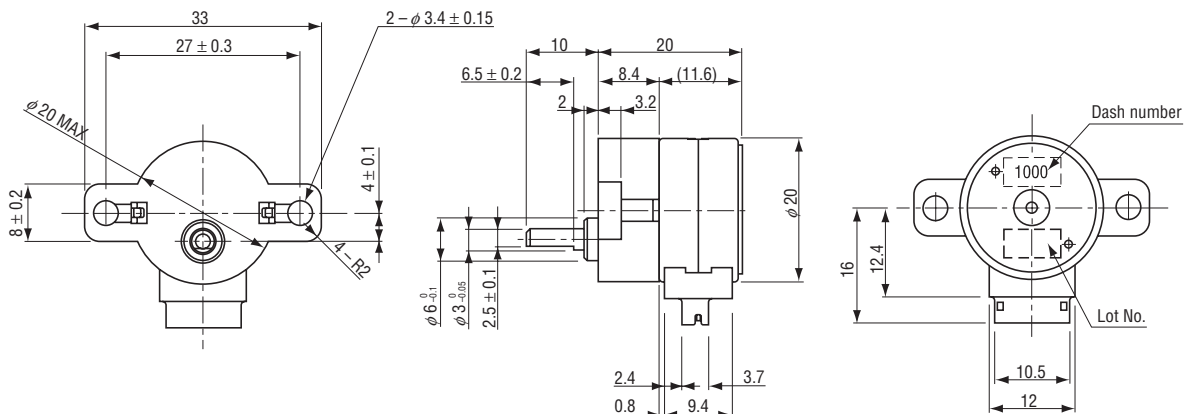
LIST OF PART NUMBERS

Gear ratio	Winding resistance	68 Ω	180 Ω
1/8	Unipolar	PLG20-1000	PLG20-1001
1/15		PLG20-1100	PLG20-1101
1/24		PLG20-1200	PLG20-1201

※ When ordering, please specify the part number and dash number.

OUTLINE DIMENSIONS

Unless otherwise specified tolerance: ± 0.5 (Unit: mm)



Lot production is required. Please consult us for ordering.

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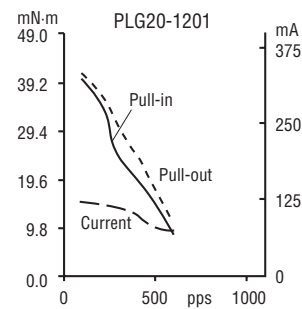
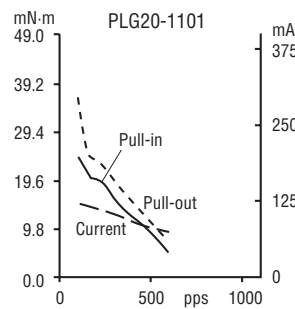
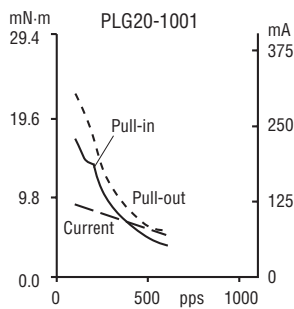
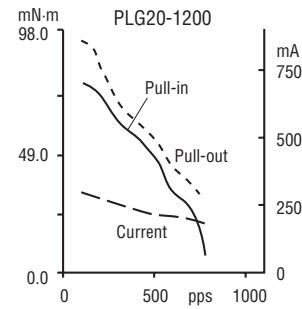
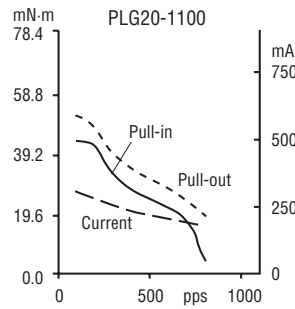
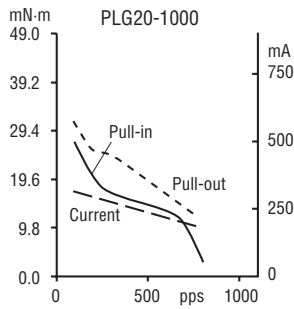
STANDARD SPECIFICATIONS

Item	PLG20					
	1000	1100	1200	1001	1101	1201
Number of phases	2					
Number of poles	10					
Excitation	2 phases unipolar					
Gear ratio	1/8	1/15	1/24	1/8	1/15	1/24
Basic step angle	2.25 °	1.2 °	0.75 °	2.25 °	1.2 °	0.75 °
Steps	160	300	480	160	300	480
Winding resistance	68 Ω			180 Ω		
Power	Average power consumption 2 W maximum					
Current	Refer to PERFORMANCE CURVES					
Pull-in torque						
Pull-out torque						
Pull-in pulse rate						
Maximum continuous response frequency						
Temperature rise	Refer to TEMPERATURE CHARACTERISTICS					
CURVES Insulation resistance	30 MΩ minimum at DC500 V					
Dielectric strength	500Vrms (AC50 Hz, 1 min)					
Operating temperature range	0 ~ 50 °C					
Net weight	Approx. 22 g					
Axial maximum load	Continuous	19.6 mN-m				
	Momentary	98 mN-m				
Standard connector terminal	<p>Male connector 06ZR-8M or ZHR-6 Made by J.S.T. Mfg. Co., Ltd</p> <p>6 5 4 3 2 1 φ1 φ2 φ1C φ2C φ1 φ2</p>					

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PERFORMANCE CURVES

12V-2phases-EX.



TEMPERATURE CHARACTERISTICS (REFERENCE VALUE)

