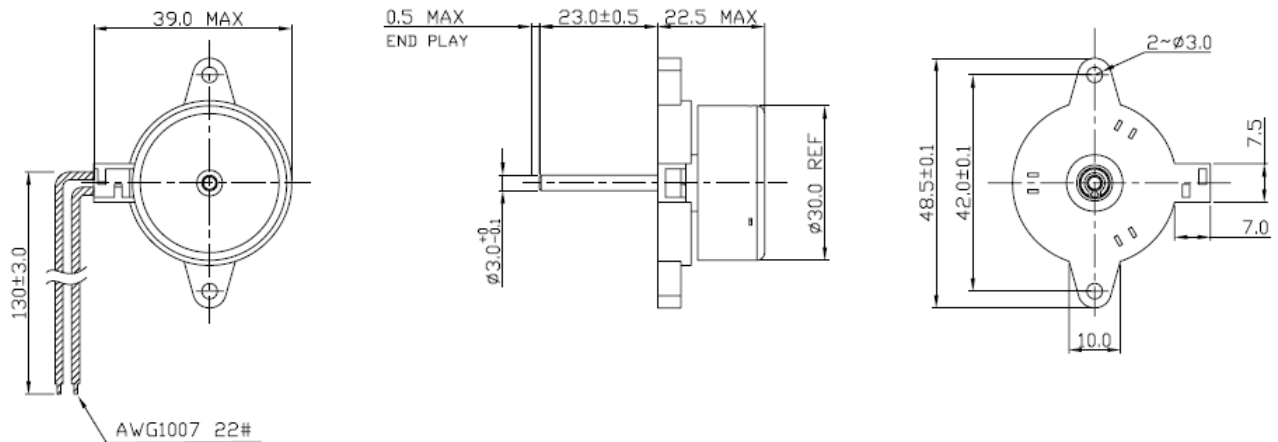
	<b>KLS23-B3020S</b>	<b>Outer Rotor</b>	Output Power: 0.3W~12W	Weight: 75g (Approx.)
	<b>3-Phase Brushless DC Motor-Typical Application</b> Home Application: Small Electric Fanner, USB Fan, Small Air Fresher, Electric Cooker Medical Apparatus: Medical Pump, Medical Blower, Super-Silence Fan Industry Equipment: Electric Valve, Actuator Business Equipment: Printer, Copier, Projector Personal Care: Shaver, Hair Dryer, Massager			

Model	Voltage(V)		No Load		Rated Load				Starting	
	Operating Range	Rated	Speed (rpm)	Current (A)	Torque (mNm)	Speed (rpm)	Current (A)	Output P. (W)	Torque (mNm)	Current (A)
B3020S-S01 (RU-M)	5-12	5	4600	0.26	1.472	4150	0.36	0.64	15.12	1.29
B3020S-S02(NdFeB)	5-12	5	3060	0.19	6.308	2130	0.42	1.41	20.56	0.96
B3020S-S03 (RU-M)	8-26	12	11450	0.17	4.433	8530	0.49	3.96	17.39	1.44
B3020S-S04(NdFeB)	8-26	12	7090	0.19	9.391	5440	0.63	5.35	40.54	2.09
B3020S-S05 (RU-M)	8-26	24	14680	0.11	5.886	7810	0.37	4.82	12.57	0.66
B3020S-S06(NdFeB)	8-26	24	11450	0.15	10.864	9050	0.57	10.30	51.89	2.16

**Characteristic:** CW & CCW, Signal function available, Locked rotor protection, Stepless speed regulation, Low noise, Low EMI, Long life 10000-30000hrs

**Notice:** Data in this typical specification sheet are for other certain customer. Voltage, rated torque, speed, current, power and shaft extension feature & dimension can be changed to meet customer specific requirement.

**Outline Drawing:** (Unit: Millimeter)



1	VCC "+"	Color:White
2	GND "-"	Color:Black

**Performance Curve:**

B3020S-S01

5V DC

B3020S-S05

24V DC

