

DRAWING No,

1-OL-00465

GEARED MOTOR
SPECIFICATION

www.elektromotor.at

Wolfgang Graf
Elektromotoren **1. Electrical Spec.**

1-1	Type	AC SHADED POLE INDUCTION GEARED MOTOR	
1-2	Rated Voltage	230 / 50	VAC / Hz
1-3	No Load Current	0.16	A Max.
1-4	No Load Speed	8.7	rpm $\pm 10\%$
1-5	Rated Torque	32	kgf.cm
1-6	Rated Current	0.2	A $\pm 10\%$
1-7	Rated Speed	8	rpm $\pm 10\%$
1-8	Rated Input	30	W
1-9	Start Voltage	110	VAC Min.
1-10	Stall Torque	53	kgf.cm Min.
1-11	Stall Current	0.4	A Max.
1-12	Temperature Rise	75	deg Max.
1-13	Insulation Class	A	
1-15	Insulation Resistance	1M Ω Min. (At DC 500 V Megger Tester)	
1-16	Insulation Strength	AC 500 VRMS 1 Minute (Cutoff Current 5mA Max.)	

2. Mechanical Spec.

2-1	Run Out	0.1 mm Max. (3 mm From Shaft End)	
2-2	Shaft Thrust	0.5mm Max.	
2-3	Audible Noise	60dB Max. (At No Load, Motor Side 50cm, "A" Scale)	
2-4	Bearing	Oilless Metal Bearing	
2-5	Lubrication	Mineral Oil & Molybdenum Grease	
2-6	Dimension	Dwg No. 1-OL-00465	
2-7	Gear Ratio	1 : 331.2	
2-8	Ambient Temperature	-10 ~ 40°C, Humidity 85%RH Max.	
2-9	Weight	1.7 kg	
2-10	Maximum Permissible Torque of Gearbox	: 30 kgf.cm	

DESIGNED

2009-02-23

Kang YK

CHECKED

APPROVED



GUGJE GEARED MOTOR

KMF-0330-6150A2

1-OL-00465