

MOTOR SPECIFICATION

PAGE

1 of 2

MODEL : ISG-3240ENA
 RATIO : 1 : ~~532~~[△]513

ELECTRICAL

- 1. TYPE : SHADED POLE INDUCTION GEARED MOTOR
- 2. RATED VOLTAGE : AC 230 V 50 Hz
- 3. POLES : 2 P
- 4. NO LOAD CHARACTERISTICS

At Geared Motor Ass'y

- 4-1. CURRENT : 0.43 A ± 15%
- 4-2. INPUT POWER : 48.5 W ± 15%
- 4-3. SPEED : ~~532~~[△]513 rpm ± 10%
- 4-4. STARTING VOLTAGE : 161 V MAX.

5. TORQUE CHARACTERISTICS

At Geared Motor Ass'y, after 1minute running

- 5-1. BREAKDOWN TORQUE : 20.5 N·m MIN.
- 5-2. NOMINAL TORQUE : 19.2 N·m MIN.
- 5-3. STARTING TORQUE : 16.0 N·m MIN.





- 6. LOCKED ROTOR CURRENT : 0.66 A MAX.

7. DIELECTRIC STRENGTH

Motor shall withstand a potential of 1500V RMS for 1 minute(1800V RMS for 1 second) duration between coil leads and frame. (Cutoff Current 3 mA)

8. INSULATION RESISTANCE

100 MΩ minimum at DC 500V MEGA TESTER between winding and frame.

△	2004.02.02	B. J. KIM	CHANGED GEAR BOX RATIO (1/532 → 1/513)
△	2003.10.01	B. J. KIM	CHANGED NAME PLATE (CE MARK)
△	2002.08.13	B. J. KIM	CHANGE INPUT/OUTPUT SHAFT DIMENSION
	DATE	SIGNATURE	CHANGE CONTENTS
DESIGNED	CHECKED	APPROVED	ISG-3240ENA ----- SHADED POLE GEARED MOTOR
			
(주) 에스피지			RE-DATE
 SPG Co., Ltd.			DATE 2002.08.13
			DRAWING NO A-46-0455- 01 ^{△△} 02.03

MOTOR SPECIFICATION


PAGE

2 of 2

9. TEMPERATURE RISE
 9-1. WINDING : -
 9-2. PROTECTED TYPE : Thermally Protected [120 ± 5 °C (248°F)]
 10. CONNECTION : See drawing No. A-46-0455-~~01~~⁰²₀₃
 11. LEADS : Male Tap Terminal (#250)
 12. INSULATION CLASS : ~~A~~ class
 13. DUTY : ~~E~~ Intermittent

MECHANICAL

1. SHAFT RUN OUT : Measured - mm from shaft end - mm TIR MAX.
 2. OUTPUT SHAFT ENDPLAY : 0.8mm MAX.
 3. BEARING : OILLESS BEARING & METAL BEARING
 4. LUBRICATION : MINERAL OIL & GREASE
 5. VIBRATION : As per our sample
 6. AUDIBLE NOISE : 70 dB MAX.(NO LOAD)
 1) 50cm distance from output shaft end side
 2) Sound level meter "A" scale
 3) Ambient noise : 25dB MAX.
 4) At rated voltage, rated frequency
 7. COLD FAN : None
 8. LIFE : -
 9. WEIGHT : About 2.1 Kg
 10. APPEARANCE : To be free from any defects that will adversely affect appearance.
 11. MARKING : See drawing No. A-46-0455-~~01~~⁰²₀₃
 12. DIMENSION : See drawing No. A-46-0455-~~01~~⁰²₀₃
 13. SHAFT POSITION : Horizontal

 SPG Co., Ltd.	RE-DATE		DRAWING NO. A-46-0455- 01 ⁰² ₀₃
	DATE	2002.08.13	