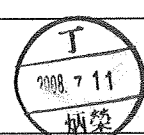
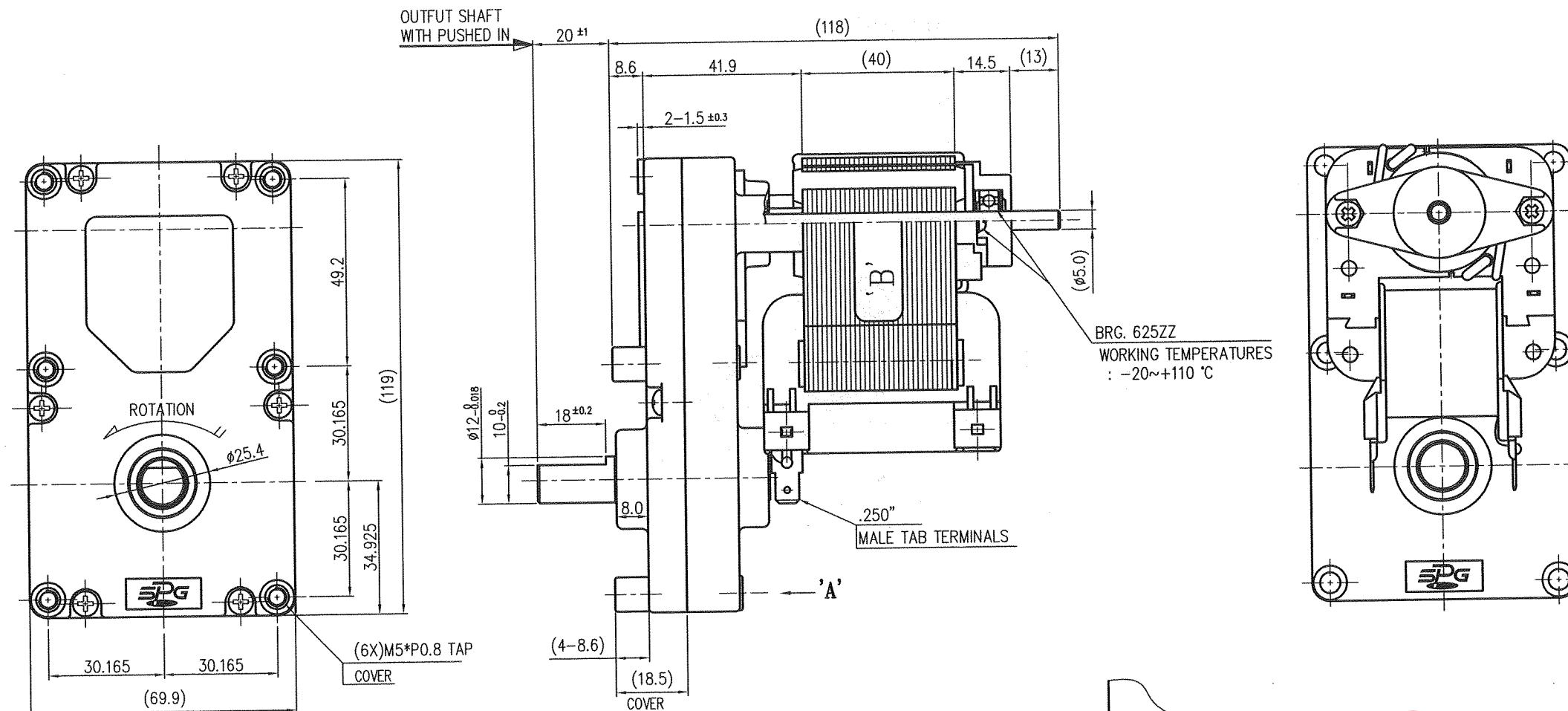


MOTOR SPECIFICATION				PAGE	
				1 of 2	
M O D E L R A T I O : : ISG-3240PMEB-1 1 : 513					
ELECTRICAL					
1. TYPE : SHADED POLE INDUCTION GEARED MOTOR					
2. RATED VOLTAGE : AC 230V 50Hz					
3. POLES : 2P					
4. NO LOAD CHARACTERISTICS At Geared Motor Ass'y					
4-1. CURRENT : 0.45 A ±15%					
4-2. INPUT POWER : 50.0 W ±15%					
4-3. SPEED : 5.6 r/min ±10%					
4-4. STARTING VOLTAGE : 161 V Max.					
5. TORQUE CHARACTERISTICS At Geared Motor Ass'y					
5-1. BREAKDOWN TORQUE : 25.0 N · m Min.					
5-2. STARTING TORQUE : 14.7 N · m Min.					
6. Locked Rotor Current : 0.8 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.					
					
2008.07.10	B.J.KIM	CHANGE : GREASE, GEAR MATERIAL			
2006.07.03	B.J.KIM	CHANGE STATOR SPEC' (0.3A→0.45A)			
DATE	SIGNATURE	CHANGE CONTENTS			
DESIGNED	CHECKED	APPROVED	MODEL NAME	ISG-3240PMEB-1 SHADED POLE GEARED MOTOR	
					
(주) 에스피지			RE-DATE	2008.07.10	DRAWING NO
 SPG Co., Ltd.			DATE	2005.12.01	A-46-0569-12

MOTOR SPECIFICATION			PAGE
			2 of 2
9. TEMPERATURE RISE (Resistance Method) 9-1. WINDING : $\Delta T = 75$ deg Max. [At Rated Voltage, Frequency, No Load, Fan Ass' y] 9-2. PROTECTED TYPE : Thermally Protected [120℃] 10. CONNECTION : See drawing No. A-146-0569-12 11. LEADS : Male Tab Terminal .250 12. INSULATION CLASS : E class 13. TEMPERATURE RANGE : -10℃ ~ +40℃ (Nonfreezing) 14. HUMIDITY RANGE : RH 85% Max. (Noncondensing) 15. DUTY : Continuous (At 'Small Blue Fan' Ass' y) MECHANICAL 1. SHAFT RUN OUT : Measured - mm from shaft end - mm Max. 2. OUTPUT SHAFT ENDPLAY : 0.8mm Max. 3. BEARING : Ball Bearing '625ZZ' (Bracket) Oil Impregnated Sintered Bearing(Gear Box) 4. LUBRICATION : Mineral Oil & High Temperature Grease 5. AUDIBLE NOISE : 70 dB Max.(No Load) 1) 50cm distance from mounting surface 2) Sound level meter "A" scale 3) Background noise : 25dB Max. 4) At rated voltage, rated frequency 6. COOLING FAN : None (Customer' s Small Blue Fan) 7. APPEARANCE : To be free from any defects that will adversely affect appearance. 8. MARKING : See drawing No. A-146-0569-12 9. DIMENSION : See drawing No. A-146-0569-12 10. SHAFT POSITION : Horizontal 11. Maximum Permissible Torque of Gear Box : 33.8 N · m			
(주) 에스피지		RE-DATE	2008.07.10
 SPG Co., Ltd.		DATE	2005.12.01
		DRAWING NO. A-146-0569-12	



NOTE

1. OUTPUT SHAFT POSITION : HORIZONTAL
2. ROTATION : VIEWED FROM OUTPUT SHAFT END C.C.W
3. END PLAY : 1) ROTOR : 0.8mm MAX.
2) OUTPUT SHAFT : 0.8mm MAX.
- △4. GEAR BOX LUBRICATION : GREASE(STAMINA RL2)
- △5. 1st GEAR MATERIAL
GEAR A : POM(HELICAL GEAR)
GEAR B : SINTER POWDER GEAR(SPUR GEAR)
6. NAME PLATE POSITION : SURFACE 'B'
7. FOR MORE SPECIFICATIONS SEE "MOTOR SPECIFICATION SHEET"



2008.07.10	J.Y.LEE	ADDED TO NOTE NO.4,5	BUYER REQUIREMENT
DATE	SIGN	NOTE	REVISION
재질	표면처리	척도	N/S
MATERIAL	SURFACE FINISH	SCALE	TOLERANCE
제도	설계	검도	승인
DRAWN	DESIGN	CHECK	APPR.
J.Y.LEE			
2008.07.10			
SPG Co., Ltd.	도명	NAME	
작성일	2008.07.10	도번	A-146-0569-12
DATE		DWG NO.	