

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-062
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 6P 1/10	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 111.0 RPM				Power	0.5	KW	HP
Installation Indoor Outdoor				Type	TEFC	Poles	6
Impact load Uniform Medium Heavy				Phase	Single 3	Ins. class	F
Ambient temp. MAX. 40				Cycle	60HZ	Voltage	
Peak torque kg m				Speed	1110		rpm
Operating time hour per day							
Load peak per hour below5 5~10 over 10							

SPECIFICATION OF REDUCER													
Nominal Ratio				1/10				MATERIAL & HEAT TREATMENT					
Service factor								Pinion		SCM415		HC	
Power cal.		Niemann		AGMA		BS		Gear		SCM415		HC	
Additional cooling		No		Water		Fan		Internal Gear					
Lubricant								Worm					
OIL				GREASE				Worm wheel					
Quantity		0.25		KG				Casing		GC200			
Viscosity		EP GREASE R00						Shaft(L.S)		SM45C			
Method		Oil bath		Forced				Symbol	HC:Carburizing		HF:High Frequency		
Max. oil temp.		120							HN:Nitriding QT:Quenching - Tempering				
DIRECTION OF REV.(View from shaft side)								APPENDED DRAWINGS					
High speed shaft		CW		CCW				Outline dwg. No.		GKEN241			
Low speed shaft		CW		CCW				Sectional dwg No.					
Arrangement of shaft								Painting (Munsell No.)		7.5BG 5/2			

ACCESSORIES				WEIGHT (APPROX.)			
				Driver			kg
				Gear Reducer			kg
				Others			kg
				Total	27		kg

REMARKS	Except details specified on this DATA SHEET, all subjects including test						
	shall be performed in accordance with MAKER STANDARD.						
	*** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. :						