

	<b>SPECIFICATION OF GEAR REDUCER</b>	Document No.	
		RS No.	01000-2394
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 4P 1/120	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 14.0 RPM				Power	0.5	KW	HP
Installation Indoor Outdoor				Type	TEFC	Poles	4
Impact load Uniform Medium Heavy				Phase	Single 3	Ins. class	F
Ambient temp. MAX. 40				Cycle	60HZ	Voltage	
Peak torque kg m				Speed	1685		rpm
Operating time hour per day							
Load peak per hour below5 5~10 over 10							

SPECIFICATION OF REDUCER														
Nominal Ratio				1/120				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		0.8		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.		GKEN273				
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 51 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. :