

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-2407
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 4P 1/100	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 14.3 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	50HZ	Voltage	
Peak torque kg m				Speed	1425		rpm
Operating time hour per day							
Load peak per hour below5 5~10 over 10							

SPECIFICATION OF REDUCER							
Nominal Ratio				1/100			
Service factor				MATERIAL & HEAT TREATMENT			
Power cal.				Niemann	AGMA	BS	
Additional cooling				No	Water	Fan	
Lubricant							
OIL				GREASE			
Quantity				0.8 KG			
Viscosity				EP GREASE R00			
Method				Oil bath		Forced	
Max. oil temp.				120			
DIRECTION OF REV.(View from shaft side)							
High speed shaft				CW		CCW	
Low speed shaft				CW		CCW	
Arrangement of shaft							
				MATERIAL & HEAT TREATMENT			
				Pinion		SCM415 HC	
				Gear		SCM415 HC	
				Internal Gear			
				Worm			
				Worm wheel			
				Casing		GC200	
				Shaft(L.S)		SM45C	
				Symbol	HC:Carburizing HF:High Frequency		
					HN:Nitriding QT:Quenching - Tempering		
				APPENDED DRAWINGS			
				Outline dwg. No.		GKEN273	
				Sectional dwg No.			
				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. :