

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-2417
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 6P 1/100	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NORMINAL) 9.4 RPM			Power	1	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	50HZ	Voltage	
Peak torque		kg m		Speed	935		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				1.2	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.		GKEN274	
				Sectional dwg No.			
				Painting (Munsell No.)		7.5BG 5/2	

ACCESSORIES	WEIGHT (APPROX.)
	Driver kg
	Gear Reducer kg
	Others kg
	Total 68 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. :