

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-106
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 3HP 6P 1/60	QUANTITY

DRIVEN MACHINE				DRIVER				
Application				Kinds	E.Motor	Engine	Others	
No. of rev.	(NORMINAL) 19.0 RPM			Power	3	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	1140	rpm		
Operating time	hour per day							
Load peak per hour	below5	5~10		over 10				

SPECIFICATION OF REDUCER							
Nominal Ratio				1/60			
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.		GKEN252	
				Sectional dwg No.			
				Painting (Munsell No.)		7.5BG 5/2	

ACCESSORIES	WEIGHT (APPROX.)		
	Driver	kg	
	Gear Reducer	kg	
	Others	kg	
	Total	80	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. :		