

	<h1>SPECIFICATION OF GEAR REDUCER</h1>	Document No.	
		RS No.	01000-170
		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) 92.0 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	50HZ	Voltage	
Peak torque kg m				Speed	920		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		

APPENDED DRAWINGS							
DIRECTION OF REV.(View from shaft side)				Outline dwg. No.		GKEN241	
High speed shaft CW CCW				Sectional dwg No.			
Low speed shaft CW CCW				Painting (Munsell No.)		7.5BG 5/2	
Arrangement of shaft							

ACCESSARIES				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. :						