

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-137
			Order No.	
			Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 2HP 4P 1/25	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	57.2	rpm	Power	2	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	50 Hz	Voltage	V
Allowable torque kg m				Speed	1430		rpm
Operating time hour per day							
Load peak per hour below5 5~10 over 10							

SPECIFICATION OF REDUCER						
Nominal Ratio			1/25		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		
Kinds		GREASE			Worm wheel	
Quantity	0.3				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		

DIRECTION OF REV.(View from shaft side)			APPENDED DRAWINGS	
High speed shaft	CW	CCW	Outline dwg. No.	GKEN244
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	40	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. :						