

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-134
			Order No.	
			Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 2HP 4P 1/10	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	143.0	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 Ratio1/10				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		
Kinds		GREASE		Worm wheel		
Quantity	0.3				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		

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. :		