

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-019
			Order No.	
			Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 1HP 4P 1/40	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	42.3	rpm	Power	1	KW	HP
Installation		Indoor	Outdoor	Type	TEFC	Poles	4
Impact load		Uniform	Medium	Heavy	Phase	Single	3
Ambient temp.		MAX.	40	Cycle	60	Hz	Voltage
Allowable torque			kg m	Speed	1690		rpm
Operating time			hour per day				
Load peak per hour		below5	5~10				over 10

SPECIFICATION OF REDUCER														
Nominal Ratio				1/40				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						

ACCESSORIES				WEIGHT (APPROX.)			
				Driver		kg	
				Gear Reducer		kg	
				Others		kg	
				Total		31	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. :						
