

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-028
			Order No.	
			Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 2HP 4P 1/20	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	85.5	rpm	Power	2	KW	HP
Installation		Indoor	Outdoor	Type	TEFC	Poles	4
Impact load		Uniform	Medium	Heavy	Phase	Single	3
Ambient temp.		MAX.	40	Cycle	60	Hz	V
Allowable torque			kg m	Speed	1710		rpm
Operating time			hour per day				
Load peak per hour		below5	5~10				over 10

SPECIFICATION OF REDUCER															
Nominal Ratio				1/20				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		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. :						
