

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-157
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 5HP 4P 1/5	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	290.0	rpm	Power	5	KW	HP
Installation		Indoor	Outdoor	Type	TEFC	Poles	4
Impact load		Uniform	Medium	Heavy	Phase	Single	3
Ambient temp.		MAX.	40	Cycle	50	Hz	V
Allowable torque			kg m	Speed	1450		rpm
Operating time			hour per day				
Load peak per hour		below5	5~10				over 10

SPECIFICATION OF REDUCER													
Nominal Ratio				1/5				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		59	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. :						