

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-017
			Order No.	
			Designer	Hong.W.Ch.

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

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	67.6	rpm	Power	1	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	60 Hz	Voltage	V
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				1/25				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		0.25				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					

High speed shaft	CW	CCW
Low speed shaft	CW	CCW
Arrangement of shaft		

ACCESSORIES	WEIGHT (APPROX.)
	Driver kg
	Gear Reducer kg
	Others kg
	Total 27 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. :