

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-143
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 2HP 4P 1/75	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	19.1	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	50	Hz	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 Ratio		1/75		MATERIAL & HEAT TREATMENT			
Service factor				Pinion	SCM415		HC
Power cal.		Niemann	AGMA	Gear	SCM415		HC
Additional cooling		No	Water	Internal Gear			
		Lubricant		Worm			
Kinds		GREASE		Worm wheel			
Quantity		0.8		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.	GKEN246		
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	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. :						