

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-129
			Order No.	
			Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 1HP 4P 1/50	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	28.6	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	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			1/50		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	

DIRECTION OF REV.(View from shaft side)				APPENDED DRAWINGS			
High speed shaft		CW	CCW	Outline dwg. No.	GKEN242		
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	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. :						