

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-109
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 4P 1/5	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	285.0	rpm	Power	0.5	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		1425	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		0.2		kg	Casing	ADC12
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.		GKEN240	
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		11	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. :						