

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-113
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 4P 1/25	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	57.0	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				1/25		
Service factor				MATERIAL & HEAT TREATMENT		
Power cal.				Niemann	AGMA	BS
Additional cooling				No	Water	Fan
Lubricant				Internal Gear		
Kinds				Worm		
Quantity				Worm wheel		
Viscosity				Casing		
Method				ADC12		
Max. oil temp.				Shaft(L.S)		
DIRECTION OF REV.(View from shaft side)				SM45C		
				Symbol	HC:Carburizing HF:High Frequency	
					HN:Nitriding QT:Quenching-Tempering	
				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. :						