

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-003
			Order No.	
			Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 4P 1/15	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	112.3	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	60	Hz	Ins. class
Allowable torque			kg m	Speed	1685	Voltage	V
Operating time			hour per day				rpm
Load peak per hour		below5	5~10				over 10

SPECIFICATION OF REDUCER						
Nominal Ratio				1/15		
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)				Symbol	SM45C	
					HC:Carburizing HF:High Frequency	
				HN:Nitriding QT:Quenching-Tempering		
				APPENDED DRAWINGS		

APPENDED DRAWINGS				Outline dwg. No.	GKEN240
High speed shaft				Sectional dwg No.	
Low speed shaft				Painting (Munsell No.)	7.5BG 5/2
Arrangement of shaft					

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. :				