

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-016
			Order No.	
			Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 1HP 4P 1/20	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	84.5	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	60	Hz	V
Allowable torque			kg m	Speed		1690	rpm
Operating time			hour per day				
Load peak per hour		below5	5~10	over 10			

SPECIFICATION OF REDUCER							
Nominal Ratio				1/20			
Service factor				MATERIAL & HEAT TREATMENT			
Power cal.				Niemann	AGMA	BS	
Additional cooling				No	Water	Fan	
Lubricant				Pinion			
Kinds				SCM415			
Quantity				HC			
Viscosity				SCM415			
Method				HC			
Max. oil temp.				HC			
DIRECTION OF REV.(View from shaft side)				Internal Gear			
				Worm			
				Worm wheel			
				Casing			
				GC200			
				Shaft(L.S)			
				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.	GKEN241
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		27		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. :						
