

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-035
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 2HP 4P 1/75	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	22.8	rpm	Power	2	KW	HP
Installation		Indoor	Outdoor	Type	TEFC	Poles	4
Impact load		Uniform	Medium	Heavy	Phase	Single	3
Ambient temp.		MAX.	40	Cycle	60	Hz	Voltage
Allowable torque			kg m	Speed	1710		rpm
Operating time			hour per day				
Load peak per hour		below5	5~10				over 10

SPECIFICATION OF REDUCER				MATERIAL & HEAT TREATMENT	
Nominal Ratio	1/75			Pinion	SCM415 HC
Service factor				Gear	SCM415 HC
Power cal.	Niemann	AGMA	BS	Internal Gear	
Additional cooling		No	Water	Worm	
Lubricant				Worm wheel	
Kinds	GREASE			Casing	
Quantity	0.8		kg	GC200	
Viscosity	EP GREASE R00			Shaft(L.S)	
Method	Oil bath	Forced		SM45C	
Max. oil temp.	120			Symbol	HC:Carburizing HF:High Frequency
DIRECTION OF REV.(View from shaft side)					HN:Nitriding QT:Quenching-Tempering

APPEENDED DRAWINGS		Outline dwg. No.	GKEN246
		Sectional dwg No.	
		Painting (Munsell No.)	7.5BG 5/2

ACCESSORIES		WEIGHT (APPROX.)	
		Driver	kg
		Gear Reducer	kg
		Others	kg
		Total	59 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. :		