

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-210
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 3HP 6P 1/30	QUANTITY

DRIVEN MACHINE				DRIVER				
Application				Kinds	E.Motor	Engine	Others	
No. of rev.	(NORMINAL) 31.5 RPM			Power	3	KW	HP	
Installation	Indoor	Outdoor		Type	TEFC	Poles	6	
Impact load	Uniform	Medium	Heavy	Phase	Single	3	Ins. class	F
Ambient temp.	MAX.	40		Cycle	50HZ	Voltage		
Peak torque	kg m			Speed	945	rpm		
Operating time	hour per day							
Load peak per hour	below5	5~10		over 10				

SPECIFICATION OF REDUCER				MATERIAL & HEAT TREATMENT			
Nominal Ratio	1/30			Pinion	SCM415		HC
Service factor				Gear	SCM415		HC
Power cal.	Niemann	AGMA	BS	Internal Gear			
Additional cooling	No	Water	Fan	Worm			
Lubricant				Worm wheel			
OIL	GREASE			Casing	GC200		
Quantity	0.6	KG		Shaft(L.S)	SM45C		
Viscosity	EP GREASE R00			Symbol	HC:Carburizing HF:High Frequency		
Method	Oil bath	Forced			HN:Nitriding QT:Quenching-Tempering		
Max. oil temp.	120			APPENDED DRAWINGS			
DIRECTION OF REV.(View from shaft side)				Outline dwg. No.	GKEN251		
High speed shaft	CW	CCW		Sectional dwg No.			
Low speed shaft	CW	CCW		Painting (Munsell No.)	7.5BG 5/2		
Arrangement of shaft							

ACCESSORIES				WEIGHT (APPROX.)			
				Driver		kg	
				Gear Reducer		kg	
				Others		kg	
				Total	75	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. :						