

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-183
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 1HP 6P 1/15	QUANTITY

DRIVEN MACHINE				DRIVER				
Application				Kinds	E.Motor	Engine	Others	
No. of rev.	(NORMINAL) 62.3 RPM			Power	1	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	935			rpm
Operating time		hour per day						
Load peak per hour	below5	5~10		over 10				

SPECIFICATION OF REDUCER													
Nominal Ratio				1/15				MATERIAL & HEAT TREATMENT					
Service factor								Pinion		SCM415		HC	
Power cal.		Niemann		AGMA		BS		Gear		SCM415		HC	
Additional cooling		No		Water		Fan		Internal Gear					
				Lubricant				Worm					
OIL				GREASE				Worm wheel					
Quantity		0.3		KG				Casing		GC200			
Viscosity		EP GREASE R00						Shaft(L.S)		SM45C			
Method		Oil bath		Forced				Symbol		HC:Carburizing HF:High Frequency			
Max. oil temp.		120								HN:Nitriding QT:Quenching - Tempering			
DIRECTION OF REV.(View from shaft side)								APPENDED DRAWINGS					
High speed shaft		CW		CCW				Outline dwg. No.		GKEN244			
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 40 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. :