

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-063
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 6P 1/15	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 74.0 RPM				Power	0.5	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	60HZ	Voltage	
Peak torque kg m				Speed	1110		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		0.25		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.		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. :