

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-174
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 6P 1/30	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NORMINAL) 30.7 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	50HZ		Voltage
Peak torque	kg m			Speed	920		rpm
Operating time		hour per day					
Load peak per hour	below5	5~10		over 10			

SPECIFICATION OF REDUCER							
Nominal Ratio	1/30	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. :