

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-216
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 3HP 6P 1/90	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NORMINAL) 10.5 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	1/90			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	0.8	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.	GKEN253		
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 103 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. :