

	<b>SPECIFICATION OF GEAR REDUCER</b>	Document No.	
		RS No.	01000-176
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 6P 1/45	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 20.4 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 Ratio1/45				MATERIAL & HEAT TREATMENT			
Service factor				Pinion		SCM415HC	
Power cal.		Niemann	AGMA	BS	Gear		SCM415HC
Additional cooling		No	Water	Fan	Internal Gear		
Lubricant				Worm			
OIL		GREASE		Worm wheel			
Quantity		0.3		KG		CasingGC200	
Viscosity		EP GREASE R00				Shaft(L.S)SM45C	
Method		Oil bath		Forced		Symbol	HC:CarburizingHF:High Frequency
Max. oil temp.		120					HN:NitridingQT:Quenching - Tempering
DIRECTION OF REV.(View from shaft side)				APPENDED DRAWINGS			
High speed shaft		CW		CCW		Outline dwg. No.GKEN242	
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 31 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. :