

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-211
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 3HP 6P 1/40	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 23.6 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												
Nominal Ratio 1/40				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 1.2 KG				Casing GC200								
Viscosity EP GREASE R00				Shaft(L.S) SM45C								
Method Oil bath Forced				<table border="1" style="width: 100%;"> <tr> <td rowspan="2" style="text-align: center;">Symbol</td> <td>HC:Carburizing</td> <td>HF:High Frequency</td> </tr> <tr> <td>HN:Nitriding</td> <td>QT:Quenching-Tempering</td> </tr> </table>				Symbol	HC:Carburizing	HF:High Frequency	HN:Nitriding	QT:Quenching-Tempering
Symbol	HC:Carburizing	HF:High Frequency										
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Max. oil temp. 120				APPENDED DRAWINGS								
DIRECTION OF REV.(View from shaft side)				Outline dwg. No. GKEN252								
High speed shaft CW CCW				Sectional dwg No.								
Low speed shaft CW CCW				Painting (Munsell No.) 7.5BG 5/2								

ACCESSARIES				WEIGHT (APPROX.)			
				Driver			kg
				Gear Reducer			kg
				Others			kg
				Total		80	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. :						