



# SPECIFICATION OF GEAR REDUCER

Document No.	
RS No.	01000-2408
Project No.	
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<b>CUSTOMER</b>	<b>ITEM No.</b>
<b>MODEL</b> RPH 0.5HP 4P 1/120	<b>QUANTITY</b>

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 11.9 RPM				Power	0.5	KW	HP
Installation Indoor Outdoor				Type	TEFC	Poles	4
Impact load Uniform Medium Heavy				Phase	Single 3	Ins. class	F
Ambient temp. MAX. 40				Cycle	50HZ	Voltage	
Peak torque kg m				Speed	1425		rpm
Operating time hour per day							
Load peak per hour below5 5~10 over 10							

SPECIFICATION OF REDUCER												
Nominal Ratio 1/120				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 0.8 KG				Casing GC200								
Viscosity EP GREASE R00				Shaft(L.S) SM45C								
Method Oil bath Forced				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 10%;">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
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Max. oil temp. 120												
APPENDED DRAWINGS												
DIRECTION OF REV.(View from shaft side)				Outline dwg. No. GKEN273								
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		51	kg

<b>REMARKS</b>	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. :						