

	<h1 style="margin: 0;">SPECIFICATION OF GEAR REDUCER</h1>	Document No.	
		RS No.	01000-2410
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL	QUANTITY
RPH 1HP 4P 1/120	

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 11.9 RPM				Power	1	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	1430	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				Symbol    HC:Carburizing    HF:High Frequency HN:Nitriding    QT:Quenching-Tempering			
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			
Arrangement of shaft							

ACCESSARIES				WEIGHT (APPROX.)			
				Driver		kg	
				Gear Reducer		kg	
				Others		kg	
				Total	51	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. :						