

	<h1 style="margin: 0;">SPECIFICATION OF GEAR REDUCER</h1>	Document No.	
		RS No.	01000-080
		Project No.	
		Designer	Choi. D.J

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

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev. (NORMINAL) 24.9 RPM				Power	1	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	60HZ	Voltage	
Peak torque kg m				Speed	1120		rpm
Operating time hour per day							
Load peak per hour below5 5~10 over 10							

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Nominal Ratio 1/45				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 0.5 KG				Casing		GC200	
Viscosity EP GREASE R00				Shaft(L.S)		SM45C	
Method Oil bath Forced				Symbol		HC:Carburizing HF:High Frequency	
Max. oil temp. 120						HN:Nitriding QT:Quenching-Tempering	

DIRECTION OF REV.(View from shaft side)				APPENDED DRAWINGS			
High speed shaft		CW	CCW	Outline dwg. No.		GKEN245	
Low speed shaft		CW	CCW	Sectional dwg No.			
Arrangement of shaft				Painting (Munsell No.)		7.5BG 5/2	

ACCESSARIES				WEIGHT (APPROX.)			
				Driver		kg	
				Gear Reducer		kg	
				Others		kg	
				Total		45 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. :						