

	<h1 style="margin: 0;">SPECIFICATION OF GEAR REDUCER</h1>	Document No.	
		RS No.	01000-2415
		Project No.	
		Designer	Choi. D.J

<b>CUSTOMER</b>	<b>ITEM No.</b>
<b>MODEL</b> RPH 0.5HP 6P 1/100	<b>QUANTITY</b>

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.		(NORMINAL) 9.2 RPM		Power	0.5	KW	HP
Installation		Indoor	Outdoor	Type	TEFC	Poles	6
Impact load		Uniform	Medium	Heavy	Phase	Single	3
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 Ratio				1/100				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				Worm wheel					
OIL		GREASE		Casing				GC200					
Quantity		0.8		KG		Shaft(L.S)				SM45C			
Viscosity		EP GREASE R00		Method		Oil bath		Forced		Symbol			
Max. oil temp.		120		HC:Carburizing		HF:High Frequency		HN:Nitriding QT:Quenching-Tempering					
DIRECTION OF REV.(View from shaft side)								APPENDED DRAWINGS					
High speed shaft		CW		CCW		Outline dwg. No.		GKEN273					
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		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. :						