

	<h1>SPECIFICATION OF GEAR REDUCER</h1>	Document No.	
		RS No.	01000-180
		Project No.	
		Designer	Choi. D.J

<b>CUSTOMER</b>	<b>ITEM No.</b>
<b>MODEL</b> RPH 0.5HP 6P 1/90	<b>QUANTITY</b>

DRIVEN MACHINE				DRIVER				
Application				Kinds	E.Motor	Engine	Others	
No. of rev.	(NORMINAL) 10.2 RPM			Power	0.5	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	920		rpm	
Operating time	hour per day							
Load peak per hour	below5	5~10	over 10					

SPECIFICATION OF REDUCER								
Nominal Ratio	1/90			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				Worm wheel				
GREASE				Casing				GC200
Quantity	0.5	KG		Shaft(L.S)				SM45C
Viscosity	EP GREASE R00			Symbol				HC:Carburizing HF:High Frequency
Method	Oil bath	Forced						HN:Nitriding QT:Quenching-Tempering
Max. oil temp.	120			APPENDED DRAWINGS				
DIRECTION OF REV.(View from shaft side)								Outline dwg. No.
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	36	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. :						