

	<h1>SPECIFICATION OF GEAR REDUCER</h1>	Document No.	
		RS No.	01000-193
		Project No.	
		Designer	Choi. D.J

CUSTOMER		ITEM No.	
MODEL	RPH 2HP 6P 1/5	QUANTITY	

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.		(NORMINAL) 188.0 RPM		Power	2	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	940	rpm	
Operating time		hour per day					
Load peak per hour		below5	5~10	over 10			

SPECIFICATION OF REDUCER			
Nominal Ratio		1/5	
Service factor			
Power cal.		Niemann	AGMA BS
Additional cooling		No	Water Fan
Lubricant			
OIL		GREASE	
Quantity		0.3	KG
Viscosity		EP GREASE R00	
Method		Oil bath	Forced
Max. oil temp.		120	
DIRECTION OF REV.(View from shaft side)			
High speed shaft		CW	CCW
Low speed shaft		CW	CCW
Arrangement of shaft			

MATERIAL & HEAT TREATMENT	
Pinion	SCM415 HC
Gear	SCM415 HC
Internal Gear	
Worm	
Worm wheel	
Casing	GC200
Shaft(L.S)	SM45C
Symbol	HC:Carburizing HF:High Frequency HN:Nitriding QT:Quenching-Tempering

ACCESSARIES		WEIGHT (APPROX.)	
		Driver	kg
		Gear Reducer	kg
		Others	kg
		Total	56 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. :