

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-072
		Project No.	
		Designer	Choi. D.J

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

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NORMINAL) 12.3 RPM			Power	0.5	KW	HP
Installation	Indoor	Outdoor		Type	TEFC	Poles	6
Impact load	Uniform	Medium	Heavy	Phase	Single	3	Ins. class
Ambient temp.	MAX.	40		Cycle	60HZ	Voltage	
Peak torque	kg m			Speed	1110		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			
Quantity	0.5 KG			GC200			
Viscosity	EP GREASE R00			Shaft(L.S)			
Method	Oil bath	Forced		SM45C			
Max. oil temp.	120			Symbol	HC:Carburizing HF:High Frequency		
DIRECTION OF REV.(View from shaft side)				HN:Nitriding QT:Quenching-Tempering			

APPENDED DRAWINGS							
High speed shaft	CW	CCW		Outline dwg. No.	GKEN243		
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	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. :						