

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-189
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 1HP 6P 1/50	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.		(NORMINAL) 18.7 RPM		Power	1	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	935		rpm
Operating time		hour per day					
Load peak per hour		below5	5~10	over 10			

SPECIFICATION OF REDUCER									
Nominal Ratio				1/50					
Service factor				MATERIAL & HEAT TREATMENT					
Power cal.		Niemann	AGMA	BS	Pinion			SCM415	HC
Additional cooling		No	Water	Fan	Gear			SCM415	HC
Lubricant				Internal Gear					
OIL		GREASE		Worm					
Quantity		0.5	KG	Worm wheel					
Viscosity		EP GREASE R00		Casing				GC200	
Method		Oil bath	Forced	Shaft(L.S)				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.		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. :						