

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-153
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 3HP 4P 1/50	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	28.6	rpm	Power	3	KW	HP
Installation		Indoor	Outdoor	Type	TEFC	Poles	4
Impact load		Uniform	Medium	Heavy	Phase	Single	3
Ambient temp.		MAX.	40	Cycle	50	Hz	V
Allowable torque			kg m	Speed	1430		rpm
Operating time		hour per day					
Load peak per hour		below5	5~10	over 10			

SPECIFICATION OF REDUCER													
Nominal Ratio				1/50				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					
Kinds		GREASE						Worm wheel					
Quantity		0.8				kg		Casing		GC200			
Viscosity		EP GREASE R00						Shaft(L.S)		SM45C			
Method		Oil bath		Forced				Symbol		HC:Carburizing		HF:High Frequency	
Max. oil temp.		120								HN:Nitriding		QT:Quenching -Tempering	
DIRECTION OF REV.(View from shaft side)								APPENDED DRAWINGS					

High speed shaft		CW	CCW	APPENDED DRAWINGS			
Low speed shaft		CW	CCW	Outline dwg. No.		GKEN248	
Arrangement of shaft				Sectional dwg No.			
				Painting (Munsell No.)		7.5BG 5/2	

ACCESSORIES				WEIGHT (APPROX.)			
				Driver		kg	
				Gear Reducer		kg	
				Others		kg	
				Total		62	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. :						