

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-048
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 3HP 4P 1/90	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	19.1	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	60	Hz	V
Allowable torque			kg m	Speed	1720		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		
Kinds		GREASE		Worm wheel		
Quantity	1.2		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		

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High speed shaft		CW	CCW	Outline dwg. No.	GKEN249		
Low speed shaft		CW	CCW	Sectional dwg No.			
Arrangement of shaft				Painting (Munsell No.)	7.5BG 5/2		

ACCESSORIES				WEIGHT (APPROX.)			
				Driver	kg		
				Gear Reducer	kg		
				Others	kg		
				Total	68	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. :						