

SPECIFICATION OF GEAR REDUCER

Document No.						
RS No.	01000-045					
Order No.						
Designer	Hong.W.Ch.					

CUSTOMER ITEM No.

MODEL RPH 3HP 4P 1/50 QUANTITY

DRIVEN MACHINE				DRIVER						
Application				Kinds	E.N	Motor	Engine	Others		
No. of rev. (N	NOMINAL)	34.4	rpm	Power	3		KW	HP		
Installation	Indoo	r Out	door	Type	TEFC		Poles	4		
Impact load	Uniform	Medium	Heavy	Phase	Single	3	Ins. class	F		
Ambient temp.	MAX.	40		Cycle	60	Hz	Voltage	V		
Allowable torque	е		kg m	Speed		1720		rpm		
Operating time		hou	r per day							
Load peak per l	hour belo	ow5 5	5~10	over 10)					
SPECIFICATION OF REDUCER										
Nominal Ratio		1/50			MATERIAL	. & HE.	AT TREATMI	ENT		
Service factor				Pinion		S	CM415	HC		
Power cal.	Niemann	AGMA	BS	Gear		S	CM415	HC		
Additional cooli	ng No	Water	Fan	Internal G	Gear					
	Lubricant			Worm						
Kinds	G	REASE		Worm wh	ieel					
Quantity	0.	8	kg	Casing		(GC200			
Viscosity	EP G	REASE RO	0	Shaft(L.S	5)	5	SM45C			
Method	Oil ba	th Fo	rced	Symbol	HC:Carl	burizin	g HF:High	Frequency		
Max. oil temp.	120			Symbol	HN:Nitriding QT:Quenching-Tempering					
DIRECTION OF REV.(View from shaft side)					APPENDED DRAWINGS					
High speed sha	ft C	W CC	CW	Outline d	wg. No.		GK	EN248		
Low speed shaf	ft C	W CC	CW	Sectional	dwg No.					
Arrangement of	shaft			Painting ((Munsell No	o.)	7.5	BG 5/2		
	ACCESSARI	ES			WEI	GHT (A	APPROX.)			
				Driver				kg		
				Gear Reducer kg				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.									
	* * * F	*** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. :								