

SPECIFICATION OF GEAR REDUCER

Document No.						
RS No.	01000-009					
Order No.						
Designer	Hong.W.Ch.					

CUSTOMER ITEM No.

MODEL RPH 0.5HP 4P 1/50 QUANTITY

DRIVEN MACHINE				DRIVER						
Application				Kinds	E.N	Motor	Engine	Others		
No. of rev. (N	OMINAL)	33.7	rpm	Power	0.5		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	•		kg m	Speed		1685		rpm		
Operating time		hou	ır per day							
Load peak per h	our belo	w5 5	5~10	over 10	1					
		SPI	ECIFICATIO	N OF REDU	JCER					
Nominal Ratio		1/50			MATERIAL	_ & HE.	AT TREATM	ENT		
Service factor				Pinion		S	CM415	HC		
Power cal.	Niemann	AGMA	BS	Gear		S	CM415	HC		
Additional coolir	ig No	Water	Fan	Internal G	Sear					
	Lubricant			Worm						
Kinds	G	REASE		Worm wh	eel					
Quantity	0.	2	kg	Casing		A	ADC12			
Viscosity	EP G	REASE RO	0	Shaft(L.S	5)	5	SM45C			
Method	Oil ba	th Fo	rced	Symbol	HC:Car	burizin	g HF:High	Frequency		
Max. oil temp.	120			Cymbol	HN:Nitriding QT:Quenching-Tempering					
DIRECTION OF REV.(View from shaft side)				APPENDED DRAWINGS						
High speed shaf	t C	W CC	CW	Outline d	wg. No.		GK	EN240		
Low speed shaft	C C	W CC	CW	Sectional	dwg No.					
Arrangement of	shaft			Painting ((Munsell No	o.)	7.5	BG 5/2		
	ACCESSARIE	ES			WEI	GHT (A	APPROX.)			
				Driver				kg		
							kg			
				Others				kg		
				Total			12	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. :								