

SPECIFICATION OF GEAR REDUCER

Document No.						
RS No.	01000-155					
Order No.						
Designer	Hong.W.Ch.					

CUSTOMER ITEM No.

MODEL RPH 3HP 4P 1/75 QUANTITY

DRIVEN MACHINE				DRIVER					
Application				Kinds	E.N	Motor	Engine	Others	
No. of rev. (N	IOMINAL)	19.1	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	50	Hz	Voltage	V	
Allowable torque	9		kg m	Speed		1430		rpm	
Operating time		hou	r per day						
Load peak per h	our belo	ow5 5	5~10	over 10)				
		SPE	ECIFICATIO	N OF REDU	JCER				
Nominal Ratio		1/75			MATERIAL	. & HE	AT TREATMI	ENT	
Service factor				Pinion		S	CM415	HC	
Power cal.	Niemann	AGMA	BS	Gear		S	CM415	HC	
Additional coolin	ng No	Water	Fan	Internal G	Gear				
	Lubricant			Worm					
Kinds	G	REASE		Worm wh	ieel				
Quantity	1.	2	kg	Casing		(GC200		
Viscosity	EP GREASE R00			Shaft(L.S	L.S) 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 shat	ft C	W CC	CW	Outline d	wg. No.		GK	EN249	
Low speed shaf	t C	W CC	CW	Sectional	dwg No.				
Arrangement of	shaft			Painting	(Munsell No).)	7.5	BG 5/2	
	ACCESSARII	ES			WEI	GHT (A	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. :								