

SPECIFICATION OF GEAR REDUCER

Document No.					
RS No.	01000-036				
Order No.					
Designer	Hong.W.Ch.				

CUSTOMER ITEM No.

MODEL RPH 2HP 4P 1/90 QUANTITY

DRIVEN MACHINE				DRIVER					
Application				Kinds	E.N	Motor	Engine	Others	
No. of rev. (N	IOMINAL)	19.0	rpm	Power	2		KW	HP	
Installation	Indoo	or 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	1710 rpm			rpm		
Operating time		hou	ır per day						
Load peak per h	nour belo	ow5 5	5~10	over 10)				
SPECIFICATION OF REDUCER									
Nominal Ratio		1/90			MATERIAL	. & HE	AT TREATM	ENT	
Service factor				Pinion		S	CM415	HC	
Power cal.	Niemann	AGMA	BS	Gear		S	CM415	HC	
Additional cooling	ng No	Water	Fan	Internal G	Gear				
	Lubricant			Worm					
Kinds	inds GREASE			Worm wheel					
Quantity	0.	8	kg	Casing		(GC200		
Viscosity	EP GREASE R00			Shaft(L.S	Shaft(L.S) SM45C				
Method	Oil ba	th Fo	rced	Symbol HC:Carburizing HF:High Frequency					
Max. oil temp.	. 120			Symbol	HN:Nitrid	ing Q	T:Quenching-Tempering		
DIRECTION OF REV.(View from shaft side)				APPENDED DRAWINGS					
High speed sha	ft C	W CC	CW	Outline d	wg. No.		GK	EN246	
Low speed shaf	t C	W CC	CW	Sectional	dwg No.				
Arrangement of shaft			Painting (Munsell No.) 7.5BG 5/2				BG 5/2		
	ACCESSARII	ES			WEI	GHT (APPROX.)		
				Driver				kg	
			Gear Reducer				kg		
				Others				kg	
				Total			59	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. :								