

	SPECIFICATION OF GEAR REDUCER		Document No.	
			RS No.	01000-012
			Order No.	
			Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 4P 1/90	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	18.7	rpm	Power	0.5	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	1685		rpm
Operating time			hour per day				
Load peak per hour		below5	5~10				over 10

SPECIFICATION OF REDUCER				MATERIAL & HEAT TREATMENT	
Nominal Ratio		1/90		Pinion	SCM415 HC
Service factor				Gear	SCM415 HC
Power cal.	Niemann	AGMA	BS	Internal Gear	
Additional cooling		No	Water	Worm	
		Lubricant		Worm wheel	
Kinds		GREASE		Casing	
Quantity		0.2		ADC12	
Viscosity		EP GREASE R00		Shaft(L.S)	
Method		Oil bath		SM45C	
Max. oil temp.		120		Symbol	HC:Carburizing HF:High Frequency
DIRECTION OF REV.(View from shaft side)					HN:Nitriding QT:Quenching - Tempering

High speed shaft		CW	CCW	APPENDED DRAWINGS	
Low speed shaft		CW	CCW	Outline dwg. No.	
Arrangement of shaft				Sectional dwg No.	
				Painting (Munsell No.)	

ACCESSORIES				WEIGHT (APPROX.)	
				Driver	kg
				Gear Reducer	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.				
	*** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. :				