

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-110
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 4P 1/10	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NOMINAL)	142.5	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	50	Hz	Ins. class
Allowable torque			kg m	Speed	1425	Voltage	V
Operating time			hour per day				rpm
Load peak per hour		below5	5~10				over 10

SPECIFICATION OF REDUCER				MATERIAL & HEAT TREATMENT	
Nominal Ratio		1/10		Pinion	SCM415
Service factor				Gear	SCM415
Power cal.		Niemann	AGMA	BS	HC
Additional cooling		No	Water	Fan	HC
Lubricant				Internal Gear	
Kinds		GREASE		Worm	
Quantity		0.2		Worm wheel	
Viscosity		EP GREASE R00		Casing	
Method		Oil bath		ADC12	
Max. oil temp.		120		Shaft(L.S)	
DIRECTION OF REV.(View from shaft side)				SM45C	
High speed shaft		CW		Symbol	
Low speed shaft		CW		HC:Carburizing HF:High Frequency	
Arrangement of shaft				HN:Nitriding QT:Quenching-Tempering	

ACCESSORIES				APPENDED DRAWINGS	
				Outline dwg. No.	
				Sectional dwg No.	
				Painting (Munsell No.)	
				7.5BG 5/2	
ACCESSORIES				WEIGHT (APPROX.)	
				Driver	
				Gear Reducer	
				Others	
				Total	

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. :				
