



SPECIFICATION OF GEAR REDUCER

Document No.

RS No. 01000-117

Order No.

Designer Hong.W.Ch.

CUSTOMER	
MODEL	RPH 0.5HP 4P 1/50

ITEM No.	
QUANTITY	

DRIVEN MACHINE			
Application			
No. of rev. (NOMINAL)	28.5	rpm	
Installation	Indoor	Outdoor	
Impact load	Uniform	Medium	Heavy
Ambient temp.	MAX.	40	
Allowable torque		kg m	
Operating time		hour per day	
Load peak per hour	below5	5~10	over 10

DRIVER			
Kinds	E.Motor	Engine	Others
Power	0.5	KW	HP
Type	TEFC	Poles	4
Phase	Single	3	Ins. class
Cycle	50	Hz	Voltage
Speed	1425		rpm

SPECIFICATION OF REDUCER

Nominal Ratio	1/50
Service factor	
Power cal.	Niemann AGMA BS
Additional cooling	No Water Fan
Lubricant	
Kinds	GREASE
Quantity	0.2 kg
Viscosity	EP GREASE R00
Method	Oil bath Forced
Max. oil temp.	120
DIRECTION OF REV.(View from shaft side)	

MATERIAL & HEAT TREATMENT		
Pinion	SCM415	HC
Gear	SCM415	HC
Internal Gear		
Worm		
Worm wheel		
Casing	ADC12	
Shaft(L.S)	SM45C	
Symbol	HC:Carburizing HF:High Frequency	
	HN:Nitriding QT:Quenching-Tempering	
APPENDED DRAWINGS		

High speed shaft	CW	CCW
Low speed shaft	CW	CCW
Arrangement of shaft		

Outline dwg. No.	GKEN240
Sectional dwg No.	
Painting (Munsell No.)	7.5BG 5/2

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. :