



SPECIFICATION OF GEAR REDUCER

Document No.

RS No. 01000-145

Order No.

Designer Hong.W.Ch.

CUSTOMER

MODEL RPH 3HP 4P 1/5

ITEM No.

QUANTITY

DRIVEN MACHINE

Application	
No. of rev. (NOMINAL)	286.0 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	3	KW	HP
Type	TEFC	Poles	4
Phase	Single 3	Ins. class	F
Cycle	50 Hz	Voltage	V
Speed	1430		rpm

SPECIFICATION OF REDUCER

Nominal Ratio	1/5
Service factor	
Power cal.	Niemann AGMA BS
Additional cooling	No Water Fan
Lubricant	
Kinds	GREASE
Quantity	0.3 kg
Viscosity	EP GREASE R00
Method	Oil bath Forced
Max. oil temp.	120

DIRECTION OF REV.(View from shaft side)

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

ACCESSORIES

MATERIAL & HEAT TREATMENT

Pinion	SCM415	HC
Gear	SCM415	HC
Internal Gear		
Worm		
Worm wheel		
Casing	GC200	
Shaft(L.S)	SM45C	
Symbol	HC:Carburizing HF:High Frequency	
	HN:Nitriding QT:Quenching-Tempering	

APPENDED DRAWINGS

Outline dwg. No.	GKEN247
Sectional dwg No.	
Painting (Munsell No.)	7.5BG 5/2

WEIGHT (APPROX.)

Driver	kg
Gear Reducer	kg
Others	kg
Total	56 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. :