



SPECIFICATION OF GEAR REDUCER

Document No.

RS No. 01000-052

Order No.

Designer Hong.W.Ch.

CUSTOMER

MODEL RPH 5HP 4P 1/20

ITEM No.

QUANTITY

DRIVEN MACHINE

Application

No. of rev. (NOMINAL) 86.5 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	5	KW	HP
Type	TEFC	Poles	4
Phase	Single 3	Ins. class	F
Cycle	60 Hz	Voltage	V
Speed	1730		rpm

SPECIFICATION OF REDUCER

Nominal Ratio 1/20

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

MATERIAL & HEAT TREATMENT

Pinion	SCM415	HC
Gear	SCM415	HC
Internal Gear		
Worm		
Worm wheel		
Casing	GC200	
Shaft(L.S)	SM45C	

DIRECTION OF REV.(View from shaft side)

High speed shaft CW CCW

Low speed shaft CW CCW

Arrangement of shaft

Symbol	HC:Carburizing	HF:High Frequency
	HN:Nitriding	QT:Quenching-Tempering

APPENDED DRAWINGS

Outline dwg. No. GKEN250

Sectional dwg No.

Painting (Munsell No.) 7.5BG 5/2

ACCESSORIES

WEIGHT (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. :