



SPECIFICATION OF GEAR REDUCER

Document No.

RS No. 01000-024

Order No.

Designer Hong.W.Ch.

CUSTOMER

MODEL RPH 1HP 4P 1/90

ITEM No.

QUANTITY

DRIVEN MACHINE

Application
 No. of rev. (NOMINAL) 18.8 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	1	KW HP	
Type	TEFC	Poles	4
Phase	Single 3	Ins. class	F
Cycle	60 Hz	Voltage	V
Speed	1690		rpm

SPECIFICATION OF REDUCER

Nominal Ratio 1/90
 Service factor
 Power cal. Niemann AGMA BS
 Additional cooling No Water Fan
 Lubricant
 Kinds GREASE
 Quantity 0.5 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	

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

APPENDED DRAWINGS

Outline dwg. No. GKEN243
 Sectional dwg No.
 Painting (Munsell No.) 7.5BG 5/2

DIRECTION OF REV.(View from shaft side)

High speed shaft CW CCW
 Low speed shaft CW CCW

Arrangement of shaft

ACCESSORIES

WEIGHT (APPROX.)

Driver	kg
Gear Reducer	kg
Others	kg
Total	36 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. :