



# SPECIFICATION OF GEAR REDUCER

Document No.

RS No. 01000-006

Order No.

Designer Hong.W.Ch.

**CUSTOMER**

MODEL RPH 0.5HP 4P 1/30

**ITEM No.**

QUANTITY

**DRIVEN MACHINE**

Application  
 No. of rev. (NOMINAL) 56.2 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 F	
Cycle	60 Hz	Voltage V	
Speed	1685	rpm	

**SPECIFICATION OF REDUCER**

Nominal Ratio 1/30  
 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

**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**

Outline dwg. No. GKEN240  
 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	11 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. :