

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-120
		Order No.	
		Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 0.5HP 4P 1/90	QUANTITY

DRIVEN MACHINE		DRIVER	
Application		Kinds ☒ E.Motor ☐ Engine ☐ Others	
No. of rev. (NOMINAL)	15.8 rpm	Power	0.5 ☐ KW ☒ HP
Installation	☐ Indoor ☐ Outdoor	Type	TEFC Poles 4
Impact load	☐ Uniform ☐ Medium ☐ Heavy	Phase	☐ Single ☒ 3 Ins. class F
Ambient temp.	MAX. 40	Cycle	50 Hz Voltage V
Allowable torque	kg m	Speed	1425 rpm
Operating time	hour per day		
Load peak per hour	☐ below5 ☐ 5~10 ☐ over 10		

SPECIFICATION OF REDUCER		MATERIAL & HEAT TREATMENT	
Nominal Ratio	1/90	Pinion	SCM415 HC
Service factor		Gear	SCM415 HC
Power cal.	☐ Niemann ☒ AGMA ☐ BS	Internal Gear	
Additional cooling	☒ No ☐ Water ☐ Fan	Worm	
Lubricant		Worm wheel	
Kinds	GREASE	Casing	ADC12
Quantity	0.2 kg	Shaft(L.S)	SM45C
Viscosity	EP GREASE R00	Symbol	HC:Carburizing HF:High Frequency HN:Nitriding QT:Quenching - Tempering
Method	☒ Oil bath ☐ Forced	APPENDED DRAWINGS	
Max. oil temp.	120	Outline dwg. No.	GKEN240
DIRECTION OF REV.(View from shaft side)		Sectional dwg No.	
High speed shaft	☒ CW ☒ CCW	Painting (Munsell No.)	7.5BG 5/2
Low speed shaft	☒ CW ☒ CCW		
Arrangement of shaft			

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. :