SPECIFICATION OF GEAR REDUCER

Document No.	
RS No.	01000-141
Order No.	
Designer	Hong.W.Ch.

CUSTOMER	ITEM No.
MODEL RPH 2HP 4P 1/50	QUANTITY

DRIVEN MACHINE				DRIVER				
Application				Kinds	■E.Motor	□Engine	□Others	
No. of rev.	(NOMINAL)	28.6	rpm	Power	2	□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	1430			rpm
Operating time			hour per day					
Load peak per hour	□below5	□5~10		□over 10				

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Nominal Ratio	1/50	MATERIAL & HEAT TREATMENT	
Service factor		Pinion	SCM415 HC
Power cal.	□Niemann ■AGMA □BS	Gear	SCM415 HC
Additional cooling	■No □Water □Fan	Internal Gear	
Lubricant		Worm	
Kinds	GREASE	Worm wheel	
Quantity	0.5 kg	Casing	GC200
Viscosity	EP GREASE R00	Shaft(L.S)	SM45C
Method	■Oil bath □Forced	Symbol	HC:Carburizing HF:High Frequency
Max. oil temp.	120 ℃		HN:Nitriding QT:Quenching-Tempering
DIRECTION OF REV.(View from shaft side)		APPENDED DRAWINGS	
High speed shaft	■CW ■CCW	Outline dwg. No.	GKEN245
Low speed shaft	■CW ■CCW	Sectional dwg No.	
Arrangement of shaft		Painting (Munsell No.)	7.5BG 5/2

ACCESSARIES	WEIGHT (APPROX.)	
	Driver	kg
	Gear Reducer	kg
	Others	kg
	Total 45	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. :