

	SPECIFICATION OF GEAR REDUCER	Document No.	
		RS No.	01000-2397
		Project No.	
		Designer	Choi. D.J

CUSTOMER	ITEM No.
MODEL RPH 2HP 4P 1/100	QUANTITY

DRIVEN MACHINE		DRIVER	
Application		Kinds ☒ E.Motor ☐ Engine ☐ Others	
No. of rev. (NORMINAL) 17.1 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 60HZ	Voltage
Peak torque kg m		Speed 1710	rpm
Operating time hour per day			
Load peak per hour ☐ below5 ☐ 5~10 ☐ over 10			

SPECIFICATION OF REDUCER	
Nominal Ratio 1/100	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
☐ OIL ☒ GREASE	Worm wheel
Quantity 1.2 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. GKEN274
Low speed shaft ☒ CW ☒ CCW	Sectional dwg No.
Arrangement of shaft	Painting (Munsell No.) 7.5BG 5/2
ACCESSORIES	WEIGHT (APPROX.)
	Driver kg
	Gear Reducer kg
	Others kg
	Total 68 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. :