



SPECIFICATION OF GEAR REDUCER

Document No.

RS No. 01000-085

Project No.

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CUSTOMER	
MODEL	RPH 2HP 6P 1/5

ITEM No.	
QUANTITY	

DRIVEN MACHINE			
Application			
No. of rev.	(NORMINAL) 227.0 RPM		
Installation	Indoor	Outdoor	
Impact load	Uniform	Medium	Heavy
Ambient temp.	MAX.	40	
Peak torque	kg m		
Operating time	hour per day		
Load peak per hour	below5	5~10	over 10

DRIVER			
Kinds	E.Motor	Engine	Others
Power	2	KW	HP
Type	TEFC	Poles	6
Phase	Single	3	Ins. class
Cycle	60HZ		Voltage
Speed	1135		rpm

SPECIFICATION OF REDUCER			
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Nominal Ratio	1/5		
Service factor			
Power cal.	Niemann	AGMA	BS
Additional cooling	No	Water	Fan
Lubricant			
	OIL	GREASE	
Quantity	0.3	KG	
Viscosity	EP GREASE R00		
Method	Oil bath	Forced	
Max. oil temp.	120		
DIRECTION OF REV.(View from shaft side)			
High speed shaft	CW	CCW	
Low speed shaft	CW	CCW	
Arrangement of shaft			

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.	GKEN247
Sectional dwg No.	
Painting (Munsell No.)	7.5BG 5/2

High speed shaft	CW	CCW
Low speed shaft	CW	CCW
Arrangement of shaft		

ACCESSARIES

WEIGHT (APPROX.)

Driver	kg
Gear Reducer	kg
Others	kg
Total	56 kg

Driver	kg
Gear Reducer	kg
Others	kg
Total	56 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. :