



SPECIFICATION OF GEAR REDUCER

Document No.

RS No. 01000-2406

Project No.

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CUSTOMER	ITEM No.
MODEL RPH 0.5HP 6P 1/120	QUANTITY

DRIVEN MACHINE				DRIVER			
Application				Kinds	E.Motor	Engine	Others
No. of rev.	(NORMINAL) 9.5 RPM			Power	2	KW	HP
Installation	Indoor	Outdoor		Type	TEFC	Poles	6
Impact load	Uniform	Medium	Heavy	Phase	Single	3	Ins. class F
Ambient temp.	MAX.	40		Cycle	60HZ	Voltage	
Peak torque	kg m			Speed	1135		rpm
Operating time	hour per day						
Load peak per hour	below5	5~10	over 10				

SPECIFICATION OF REDUCER							
Nominal Ratio	1/120			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	1.8 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.	GKEN275		
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	102	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. :						