н	GE	INDUCTION MOTOR DATA SHEET						3 KW - 4 P					
MODEL: PMN04HK1			CUSTO	OMER :					REV. NO:				
APPLICATION:				ECT NAME:					QUANTITY:				SETS
	GENE	RAL DATA	4				Р	ERFOR	MANC	E DA	TA		
FRAME NO.		FF215			OUTPUT				3 kW				
	DRIP PROOF			POLES			4 POLES						
ENCLOSURE	✓ TOTALLY ENCLOSED			ROTOR TYPE				SQUIRREL CAGE					
	Increa	sed Sa	fety Expproof	f				☑ D.O.L ☐ Y-					
PROTECTION	I	P 55		STARTING METHOD				☐ REACTOR ( %TAP) ☐ V.V.V.F					
METHODS OF	☐ SC	✓ FC		]				☐ VECTOR DRIVE					
PHASE	3 PHASE			RATED VOLTAGE			220	V	380	V	V		
SERVICE FAC	1.15			FREQUENCY				60	)		Hz		
INSULATION (	F CLASS			CURRENT									
TEMP. RISE A	S.F 1.0)			NO LOAD					Α		Α	А	
RES. ME	105			FULL LOAD				11.6	Α	6.7	А	А	
THERMO				STARTING				75.4	Α	43.6	Α	А	
LOCATION		✓ INDO	OOR [	OUTDOOR	EFFICIENC'	Y							
ALTITUDE	1000 m			AT 1/2 LOAD							%		
HUMIDITY	80 %			AT 3/4 LOAD							%		
AMBIENT TEM	-10~40			AT FULL LOAD					83.0		%		
RATING	✓ CONT.			POWER FACTOR									
NEMA DESIGN	В			AT 1/2 LOAD							%		
MOUNTING	☐ B3 ☐ B5 ☑ V1 ☐ B3B5			AT 3/4 LOAD				%					
BEARING	BALL			AT FULL LOAD					78.0		%		
	DE\N-DE	630	)6ZZC3/6	205ZZC3	SPEED (AT	FULL LC	DAD)			1760		rpm	
	LUBRICANT		GRE/	ASE	TORQUE								
COUPLING MI	✓ DIRECT			FULL LOAD					1.7 kg-m			100%	
ROTATION(Fa	✓ CW ✓ CCW			LOCKED ROTOR				2.8 kg-m		·m	170%		
SHAFT					BREAKDOWN				3.3	kg-	200%		
EXTENS	SINGLE			NOISE LEVEL					72				
EXTERN				VIBRATION					15.0 <b>μ</b> m				
TERMINAL BC				ALLOWABL	E LOAD	GD <sup>2</sup> F	REFERRE	D TO M	OTOR	SHAFT			
MAIN	STEEL AL CAST			(AT DIRECT ON-LINE)					12.0		kg-m <sup>2</sup>		
AUX.	YES	YES NO			Motor GD <sup>2</sup>			0.0351			kg-m <sup>2</sup>		
BOX LOC	CATION	RIGHT (	Viewed f	rom Drive end)	MOTOR APPROX. WEIGHT			łТ		35		kg	
	STANDARDS	,	KS.II	EC ,	PAINTING	MUNS					1.4 BG 4		
					-	THIC			√ S	ΓAND/	ARD [		$\mu$ m
					AL DRAWINGS								
					OUTLINE DIMENSION								
					SPEED-TOR	QUE CU	JRVE						
NOTE	REMARKS												
1. THESE DATA	1. ABO'	VE ALL D	DATA	ARE CAL	CULAT	ED AT 1	100% VC	LTAGE.					
GUARANTEE	D WITH TOLERANC	E OF APPLIC	CATION S	TANDARDS.									
2. OTHERS NOT	MENTIONED IN TH	HIS SHEET S	HALL BE										
IN ACCORDA	NCE WITH HIGEN S	STANDARD.											
TE : TOTALLY	DP : DRIP PROOF			DATE PR			PREPA	ARED CHECKED			APF	ROVED	
FC: FAN COO	SC : SELF COOLED			2009-01-21			K.K.HAN J.H		H.J.KIM		J.KIM		