HIGEN			INDUCTION MOTOR DATA SHEET					2.2 K	KW -	8 [	)		
MODEL:			CUSTO	MER:		REV.	REV. NO :						
APPLICATION:			PROJE				QUAN	QUANTITY: SET					
	PERFORMANCE DATA												
FRAME NO.		132			OUTPUT			2.	2 k'	W			
		☐ DRIP PROOF			POLES			8	8 POLES				
ENCLOSURE		✓ TOTALLY ENCLOSED			ROTOR TYPE			S	SQUIRREL CAGE				
		☐ Increased Safety Expproof						✓ C	☑ D.O.L ☐ Y-				
PROTECTION		IP 54			STARTING METHOD			F	☐ REACTOR ( %TAP) ☐ V.V.V.F				
METHODS OF	COOLING	✓ AO ☐ FC ☐							VECTOR DRIVE				
PHASE		3 PHASE			RATED VOLTAGE			440				V	
SERVICE FACTOR		1.0			FREQUENCY			60		Hz	•		
INSULATION (		F CLASS			CURRENT		L						
	T FULL LOAD (at	-				NO LOAD				A A			
RES. ME	· · · · · · · · · · · · · · · · · · ·	105			FULL LOAD			6.0	A		A	A A	
	). METHOD	100		STARTING			39.0			A	A		
LOCATION		✓ INDOOR □ OUTDOOR				37.0	A		1				
ALTITUDE		1000			AT 1/2 LOAD					%			
		***											
HUMIDITY		7,0			AT 5/4 LOAD				% 79.0 %				
AMBIENT TEMPERATURE			-10~40			AT FULL LOAD				%			
RATING		U CON	CONT. MED			POWER FACTOR							
NEMA DESIGN		<del> </del>	В			AT 1/2 LOAD				%			
MOUNTING		B3 ∟	□ B3 □ B5 ☑ V1 □ B3B5			AT 3/4 LOAD			%				
BEARING	TYPE		BALL		AT FULI				65.0	%			
	DE\N-DE		6208ZZ/62		SPEED (AT F	ULL LO	AD)		850	rpı	<u>m</u>		
	LUBRICANT		GREAS		TORQUE								
COUPLING METHOD		☑ DIRE	☑ DIRECT □ V-BELT			FULL LOAD			2.5 kg-m			100%	
	cing Drive End)	☑ CW		✓ ccw	LOCKED ROTOR				5.0 kg-m			200%	
SHAFT					BREAKDOWN				5.0	kg-m		200%	
EXTENSI	ON		SINGLE			NOISE LEVEL			62 dB(A)		3(A)		
EXTERNA	AL THRUST					VIBRATION			15.0 <b>μ</b> m				
TERMINAL BO	)X	.1			ALLOWABLE	LOAD (	GD² REFE	RRED TO M	OTOR SI				
MAIN		STEF	STEEL AL CAST			(AT DIRECT ON-LINE)			48.8 kg-m <sup>2</sup>				
AUX.		YES			Motor GD <sup>2</sup>				0.1530 kg-m <sup>2</sup>				
			Howard fre	om Drive end)	MOTOR APPROX. WEIGHT				57 kg				
APPLICATION		LLII(V	KS.IE	,	PAINTING		SELL NO.			ку 7.1B4.0/0.9			
APPLICATION	STANDAKDS		NJ.IL	C	PAINTING		NESS					- 1100	
ACCECCODIES (ORTIONAL)							STANDARD μm						
ACCESSORIES (OPTIONAL)					SUBMITTAL DRAWINGS OUTLINE DIMENSION								
		+											
					SPEED-TORQUE CURVE TERMINAL BOX DIMENSION								
					TERMINAL DOX DIVIENSION								
		+											
			-										
		+	-										
NOTE	REMARKS												
THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE     GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS.					1. ABOV	E ALL D	ATA ARE	CALCULAT	ED AT 100	0% VOLTA	₹GE.		
2. OTHERS NOT	MENTIONED IN TH	IIS SHEET SI	HALL BE										
	NCE WITH HIGEN S	TANDARD.											
TE: TOTALLY	ENCLOSED	DP : DRIP PROOF						REPARED	CHEC	KED	APPR	ROVED	
FC: FAN COO	LED	AO : AIR OVER			2009-01-13			K.K.HAN J.H.J		JO	H.J.KIM		