HIDEN			INDUCTION MOTOR DATA SHEET				र		7.5	kW -	4	Р	
MODEL:	KMI-10HZ1	CUSTOMER :					REV. N	10 :					
APPLICATION	l:		PROJECT NAME:						QUANTITY :				
	GENEF	RAL DATA	l l				PERFOR	MANC	E DAT	Α			
FRAME NO.			132M	OUT	TPUT					7.5		kW	
ENCLOSURE		DRIP PROOF		POLES			4 POLES						
		✓ TOTALLY ENCLOSED		ROTOR TYPE			SQUIRREL CAGE						
		Increased Safety Expproof					✓ D.O.L □ Y-						
PROTECTION		IF	IP 44		STARTING METHOD		REACTOR ( %TAP) 🗌 V.V.V.				V.V.V.		
METHODS OF COOLING		SC 🗹 FC					SOFT-STARTER						
FREQUENCY		60 Hz		RATED VOLTAGE			480	V		V			
PHASE		3 PHASE		CURRENT			1	I					
SERVICE FACTOR		1.15		NO LOAD				Α		А			
INSULATION CLASS		F CLASS		FULL LOAD			11.8	Α		А			
TEMP. RISE AT FULL LOAD (at S		S.F 1.0)		STARTING			76.7	А		А			
RES. METHOD		105		EFFICIENCY				1			I		
THERMO. METHOD				1	AT 1/2 LOAD						%		
LOCATION				1	AT 3/4 L0						%		
ALTITUDE		1000 m		1	AT FULL			8	37.5		%		
HUMIDITY		80 %		POV	VER FAC1	OR							
AMBIENT TEMPERATURE		-10~40			AT 1/2 L						%		
RATING		CONT. 860			AT 3/4 LOAD						%		
NEMA DESIGN		B			AT FULL LOAD			7	5.0		%		
MOUNTING		✓ B3	B5 V1 B3B5	SPE	ED (AT FI		)	1	730		rpm		
BEARING	TYPE		BALL		RQUE		/				ľ		
	DE\N-DE	6	208ZZ/6206ZZ		FULL LO	AD		4	.17	kg-r	n	100	
	LUBRICANT		GREASE			ROTOR			.67	kg-r		160	
COUPLING M					BREAKD				.34	kg-r		200	
SHAFT				NOISE LEVEL				0.80		dB(A)			
EXTENSION		SINGLE		VIBRATION				5.0		μm			
	AL THRUST									нлет	μιι		
				ALLOWABLE LOAD GD <sup>2</sup> REFERRE (AT DIRECT ON-LINE)			1			1			
TERMINAL BOX MAIN AUX.		STEEL AL CAST		Motor GD <sup>2</sup>					kg-m <sup>2</sup>				
								/8.0	kg-m <sup>2</sup> kg				
			/iewed from Drive end)					1		7.1B4.0	•		
BOX LO		LEFI (V	IEC, KS	PAII	NTING	MUNSEL					10.9 T		
APPLICATION STANDARDS		ES (OPTIONAL)		THICKNESS			STANDARD			μm			
	ACCESSOR	E3 (UP11	UNAL)						AVVINC	22			
<b>NOTE</b> 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE					REMARKS   1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE.								
GUARANTEE	D WITH TOLERANC	e of applic	CATION STANDARDS.	1. A	ROAF UT	. DATA AR	e calcul	AIED AT	100%	VULTAC	ρĖ.		
	T MENTIONED IN TH		HALL BE	-									
	NCE WITH OTIS ST												
FC : FAN COC	DLED	SC : SELF	COOLED		DAT		PREPA		CHE	CKED		PROVED	
				1	2008-04		M.S.P		J.H		1	.J.KIM	