н	Ger	INDUCTION MOTOR DATA SHEET				R	7.5 kW - 4 P					
MODEL: KMI-10HK1			CUSTO	MER :				REV. NO: 0				
APPLICATION:				CT NAME:				QUANTITY: SE				SETS
	GENER	AL DAT	4				PERFOR	MANCE	DAT	ГА		
FRAME NO.	132M			OUTPUT	7.5 kW							
	DRIP PROOF			POLES			4 POLES					
ENCLOSURE	✓ TOTALLY ENCLOSED			ROTOR TYPE			SQUIRREL CAGE					
	Increased Safety Expproof						☑ D.O.L ☐ Y-					
PROTECTION	ll ll	IP 44			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 C	F CLASS			CURRENT								
TEMP. RISE A	S.F 1.0)			NO LOAD				Α		Α	А	
RES. METHOD		105		FULL LOAD			26.0	Α	15.1	Α	А	
THERMO. METHOD					STARTING			169.0	Α	98.2	Α	A
LOCATION		✓ INDC	OOR L	OUTDOOR	EFFICIENCY	′						
ALTITUDE	1000 m			AT 1/2 LOAD			%					
HUMIDITY	80 %			AT 3/4 LOAD			%					
AMBIENT TEM	-10~40			AT FULL LOAD			8	7.5		%		
RATING	✓ CONT.			POWER FACTOR								
NEMA DESIGN	В			AT 1/2 LOAD						%		
MOUNTING	✓ B3 ☐ B5 ☐ V1 ☐ B3B5			AT 3/4 LOAD			%					
BEARING	TYPE		BAL		AT FUL	L LOAD		79	9.0		%	
	DE\N-DE	(	6208ZZ/6		SPEED (AT	FULL LOA	D)	1	730		rpm	
	LUBRICANT		GREA		TORQUE							
COUPLING ME	☑ DIRECT □ V-BELT			FULL LOAD				4.1 kg-m			100%	
` ' '			☐ CW			LOCKED ROTOR			6.6 kg-m			160%
SHAFT						BREAKDOWN			3.2	kg-r	m dB(A)	200%
EXTENSI	SINGLE			NOISE LEVEL				77				
EXTERNA				VIBRATION				0.0		$\mu$ m		
TERMINAL BO						D <sup>2</sup> REFERRE						
MAIN		STEEL AL CAST			(AT DIRECT ON-LINE)				9.3		kg-m <sup>2</sup>	
AUX. [		YES NO			Motor GD <sup>2</sup>				434		kg-m <sup>2</sup>	
BOX LOC		LEFT (\		om Drive end)	MOTOR APP			7	70		kg	
APPLICATION	STANDARDS		KS.IE	.C	PAINTING	MUNSE				7.1B 4.0	/0.9	
										$\mu$ m		
ACCESSORIES (OPTIONAL)					OLITLINE DI	AL DRAWINGS DW-KMI-10HK1						
					OUTLINE DIN		\/E		-KIVII- I KMI-1(			
					TERMINAL B				3M950			
NOTE	REMARKS											
1. THESE DATA	1. ABO\	'E ALL DA	TA ARE CAL	CULATE	) AT 1	00% VO	LTAGE.					
	WITH TOLERANCE			ANDARDS.								
2. OTHERS NOT	MENTIONED IN TH	IS SHEET S	HALL BE									
	ICE WITH HIGEN S						T				T	
TE: TOTALLY	DP : DRIP PROOF			DATE PREPA							ROVED	
FC: FAN COOL	SC : SELF COOLED			2008-03-31 M.S.		M.S.PA	PARK J.H.JO		l.JO	H.J.KIM		