HIGEN			INDUCTION MOTOR DATA SHEET					15 kW 2 P 160M					
MODEL: KMH-20HV3 CUSTOMER:						COIL SPEC			C NC) :	REV. NO	O: 0	
APPLICATION: PROJECT NAME:						OOIL OF LO				JANTITY:	1	SETS	
			AL DATA					PERFO		NCE DAT	Α		
FRAN	ME NO.		160M				OUTPUT			15 I			
		DRIP PROOF			POL	POLES			2 F				
ENCI	LOSURE		✓ TOTALLY ENCLOSED			RO	ROTOR TYPE			SQUIRREL	CAGE		
			☐ Increased Safety Expproof			f			√	D.O.L [Y	7	
PROTECTION			IP 55			STA	STARTING METHOD			REACTO)R (%	TAP)	V.V.V.F
METH	HODS OF	COOLING	☐ SC ☑ FC ☐ NV							☐ VECTOR-DRIVE			
PHAS	SE		3 PHASE			RATED VOLTAGE				440 V			V
SER\	VICE FAC	TOR	1.15			FREQUENCY				60		Hz	
INSU	JLATION C	CLASS	F CLASS				CURRENT						
TEM	P. RISE A	T FULL LOAD (at S	S.F 1.0)				NO LOAD				Α	T	А
_	RES. MET		105 deg			1	FULL LOAD			26.0	Α		А
THERMO. METHOD		. METHOD	deg			STARTING				220.8	Α		А
LOCATION			✓ INDOOR ☐ OUTDOOR			EFFICIENCY							
ALTI	TUDE		1000 m			AT 1/2 LOAD				%			
HUM	IIDITY		80 %			AT 3/4 LOAD				%			
AMBI	IENT TEM	IPERATURE	-10~40) °C			AT FUL	L LOAD		90.2		%	
RATI	NG		✓ CON	Γ. [%ED	POV	NER FAC	TOR					
NEM	A DESIGN	1	В			AT 1/2 LOAD						%	
MOU	INTING	-	✓ B3 B5 V1 B3B5			AT 3/4 LOAD						%	
BEARING		TYPE	BALL	/	BALL	1	AT FUL	L LOAD		84.0		%	
		DE\N-DE	6309ZZ	23 /	6307ZZ	SPE	ED (AT F	FULL LOAD)		3550		rpm	
		LUBRICANT		GREA	SE	TOF	RQUE						
COUPLING ME		THOD	☑ DIRE	CT	U-BELT		FULL LO	DAD		4.11	kg-	m	100%
ROTATION(Facing Drive End)			□ cw		✓ CCW		LOCKE	D ROTOR		5.76	kg-	m	140%
SHAFT						BREAKDOWN				8.23	kg-	m	200%
	EXTENSI	ON	SINGLE			NOISE LEVEL				87.0 dB(A)		dB(A)	
	EXTERNAL THRUST			-			VIBRATION			30.0 μm			
TERN	MINAL BO	X				ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT							
MAIN			STEEL AL CAST			(AT DIRECT ON-LINE)				9.1		kg-m ²	
-	AUX.		YES	<u> </u>	✓ NO	<u>'</u>	or GD ²	···-,		0.2206		kg-m ²	
	BOX LOC	:ATION		(Viewed	from Drive end)			ROX. WEIGHT	+	124		kg	
APPLICATION STANDARDS			KS.IEC			PAINTING MUNSELL NO.				5PB 2.5/8			
		017 11 127 11 12 0				- ' ' ' ' '	111110	THICKNESS	\ \[\sigma	STANDAI			μm
ACCESSORIES (OPTIONAL)												_	μ
TEMI	` '						SUBMITTAL DRAWINGS OUTLINE DIMENSION DW-160MTFCV				S-1		
WINDING			NO			SPEED-TORQUE CURVE				ST-H15KV3T160M-3			
	TYPE -		TERMINAL BOX DIMENSION				TB-MS180NZ-1						
	BEARING)	NO										
	=	TVDE	+			1							

		11.110	1111200		/((10)((10)				
ACCESSORIE	SUBMITTAL DRAWINGS								
TEMPERATURE DETECTOR		OUTLINE DIMENSIO	DW-160MTFCVLS-1						
WINDING	NO	SPEED-TORQUE CU	ST-H15KV3T160M-3						
TYPE	TYPE -		TERMINAL BOX DIMENSION			TB-MS180NZ-1			
BEARING	BEARING NO								
TYPE	-								
SPACE HEATER	NO								
RATING	-								
NOTE		REMARKS							
1. THESE DATA ARE ONLY DESIGN	1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE.								
GUARANTEED WITH TOLERANCE	2. HIGH EFFICIENCY MOTOR.								
2. OTHERS NOT MENTIONED IN TH	IS SHEET SHALL BE								
IN ACCORDANCE WITH HIGEN M	OTOR STANDARD.								
TE: TOTALLY ENCLOSED	DP : DRIP PROOF	DATE	PREPARED		CHECKED	APPROVED			
FC : FAN COOLED	2017-09-04	017-09-04 H.S.LIM		K.I.HA	K.I.HA				
	HIGEN Mo	tor Co., Ltd.		A4(210X297)					