PROJECT NAME	HIGEN			INDUCTION MOTOR DATA SHEET						2.2	kW -	4	Р
PRAME NO.	MODEL: I03HK6TBJU			CUSTOMER:						NO :			
FRAME NO	APPLICATION:			PROJECT NAM				QUAN	TITY:				
DRIP PROOF	GENERAL DATA					PERFORMANCE DATA							
P	FRAME NO.		100L			OUTPUT			2.2				kW
Increased Safety Expproof IP 54			☐ DRIP PROOF						4 POLES				
PROTECTION	ENCLOSURE		✓ TOTALLY ENCLOSED			ROTOR TYPE			SQUIRREL CAGE				
METHODS OF COOLING			☐ Increased Safety Expproof										
FREQUENCY	PROTECTION		IP 54			STARTING METHOD						V.V.V.F	
PHASE 3	METHODS OF COOLING		☐ SC ☑ FC ☐ AO										
NO LOAD	FREQUENCY		60 Hz			RATED VOLTAGE			220	V	380	V	V
NSULATION CLASS B	PHASE		3	PHASE		CURRENT							
STARTING	SERVICE FACTOR		1.15			NO LOA	AD			Α		Α	А
RES. METHOD	INSULATION CLASS		B CLASS			FULL LOAD			8.5	Α	4.9	Α	А
THERMO.METHOD	TEMP. RISE AT FULL LOAD (at S		5.F 1.0)			STARTI	NG		62.1	Α	35.8	Α	А
ALTITUDE	RES. ME	THOD	85			EFFICIENCY	· 						
ALTITUDE	THERMO	. METHOD				AT 1/2 l	_OAD					%	
HUMIDITY	LOCATION		✓ INDOOR □ OUTDOOR		AT 3/4 LOAD			%					
AMBIENT TEMPERATURE -10-40 RATING	ALTITUDE		1000 m			AT FULL LOAD			82.0 %				
RATING	HUMIDITY					POWER FAC	TOR						
NEMA DESIGN B MOUNTING DEATH DEFIN-DE DEN-DE DE DEN-DE DEN-DE DEN-DE DEN-DE DEN-DE DEN-DE DEN-DE DEN-DE	AMBIENT TEMPERATURE					AT 1/2 l	LOAD						
MOUNTING			✓ CONT		%ED								
BEARING DEIN-DE 6206ZZ/6205ZZ DEIN-DE 6206ZZ/6205ZZ LUBRICANT GREASE FULL LOAD 1.23 kg·m 100% 120 kg·m 180% 120 kg	NEMA DESIGN											%	
DEW-DE 6206ZZ/6205ZZ LUBRICANT GREASE COUPLING METHOD	MOUNTING					, , , , , , , , , , , , , , , , , , ,				1740		rpm	
LUBRICANT GREASE COUPLING METHOD J DIRECT V-BELT NOISE LEVEL 68.0 dB(A) EXTENSION SINGLE VIBRATION 15.0 MINIMAL THRUST ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT (AT DIRECT ON-LINE) 12.0 kg-m ² AUX. MAIN STEEL AL YES NO MOTOR APPROX. WEIGHT ACCESSORIES (OPTIONAL) NOTE 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. COUPLING METHOD REAL OLOCKED ROTOR BREAKDOWN 2.46 kg-m 2.00% BREAKDOWN 2.46 kg-m 2.00% BREAKDOWN 3.46 kg-m 3.40 AULOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT (AT DIRECT ON-LINE) 12.0 kg-m ² NOTOR APPROX. WEIGHT 3.0 kg PAINTING MUNSELL NO. 7.1 B 4.0/0.9 THICKNESS J STANDARD MOTOR APPROX. WEIGHT 3.0 kg THICKNESS J STANDARD MUNSELL NO. 7.1 B 4.0/0.9 THICKNESS J STANDARD MOTOR APPROX. WEIGHT 3.0 kg THICKNESS J STANDARD M	BEARING												
COUPLING METHOD DIRECT V-BELT BREAKDOWN 2.46 kg·m 200%			6										
SHAFT NOISE LEVEL 68.0 dB(A) EXTENSION SINGLE VIBRATION 15.0 EXTERNAL THRUST ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT TERMINAL BOX MAIN STEEL AL CAST Motor GD ² 0.0351 kg·m² AUX. YES NO MOTOR APPROX. WEIGHT 32.0 kg BOX LOCATION LEFT PAINTING MUNSELL NO. 7.1 B 4.0/0.9 APPLICATION STANDARDS IEC, KS ACCESSORIES (OPTIONAL) NOTE 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC : FAN COOLED SC : SELF COOLED DATE PREPARED CHECKED APPROVED													
EXTENSION SINGLE VIBRATION 15.0 EXTERNAL THRUST ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT (AT DIRECT ON-LINE) 12.0 kg·m² AUX.			✓ DIREC	T ∠V-	BELT						kg-		200%
EXTERNAL THRUST ALLOWABLE LOAD GD² REFERRED TO MOTOR SHAFT			1						. ,			dB(A)	
TERMINAL BOX MAIN MAIN STEEL AL CAST Motor GD ² NO MOTOR APPROX. WEIGHT 32.0 kg MUNSELL NO. 7.1 B 4.0/0.9 APPLICATION STANDARDS IEC, KS ACCESSORIES (OPTIONAL) NOTE 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. IMPORTANCE OF APPROVED ACT INCOME MOTOR APPROX. WEIGHT 32.0 kg MUNSELL NO. 7.1 B 4.0/0.9 HINCKNESS STANDARD AT INCKNESS STANDARD INCKNESS INCKNES	EXTENSION		SINGLE						15.0 μ m				
MAIN STEEL AL ZCAST Motor GD ² 0.0351 kg·m² AUX. YES ZNO MOTOR APPROX. WEIGHT 32.0 kg BOX LOCATION LEFT PAINTING MUNSELL NO. 7.1 B 4.0/0.9 APPLICATION STANDARDS IEC, KS THICKNESS ZSTANDARD Jµm ACCESSORIES (OPTIONAL) NOTE REMARKS 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC : FAN COOLED SC : SELF COOLED DATE PREPARED CHECKED APPROVED	EXTERNAL THRUST					ALLOWABLE	LOAD GD ²	REFERRE	D TO M	OTOR S	SHAFT		
AUX.	TERMINAL BO	Χ				(AT DIRECT	ON-LINE)			12.0		kg-m ²	
BOX LOCATION LEFT PAINTING MUNSELL NO. 7.1 B 4.0/0.9 APPLICATION STANDARDS IEC, KS THICKNESS ✓ STANDARD ✓ μm ACCESSORIES (OPTIONAL) NOTE 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED	MAIN		STEE	L 🗌 AL 🗸 C	CAST	Motor GD ²			0.	.0351		kg-m ²	
APPLICATION STANDARDS IEC, KS	AUX.		YES	✓ N	10	MOTOR APP	ROX. WEIG	HT	,	32.0		kg	
ACCESSORIES (OPTIONAL) SUBMITTAL DRAWINGS NOTE REMARKS 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED	BOX LOC	CATION		LEFT		PAINTING	MUNSELL	L NO.		7.	1 B 4.	0/0.9	
NOTE REMARKS 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED	APPLICATION STANDARDS		<u> </u>									μ m	
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED	ACCESSORIES (OPTIONAL)						S	UBMITT	AL DR	AWIN	GS		
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED													
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED													
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED													
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED													
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED													
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED													
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED													
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED								-					
GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC: FAN COOLED SC: SELF COOLED DATE PREPARED CHECKED APPROVED													
2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH OTIS STANDARD. FC : FAN COOLED SC : SELF COOLED DATE PREPARED CHECKED APPROVED						1. ABOVE AL	L DATA ARI	E CALCULA	ATED A	1 100%	VOLTAC	jΕ.	
IN ACCORDANCE WITH OTIS STANDARD. FC : FAN COOLED SC : SELF COOLED DATE PREPARED CHECKED APPROVED					טט.								
FC : FAN COOLED SC : SELF COOLED DATE PREPARED CHECKED APPROVED				IALL DE									
	FC : FAN COOLED				DATE PREI		PREPA	RED	CHF	CKED	AP	PROVED	
			· -									-	