

MODEL:	CUSTOMER :	COIL SPEC NO.:	REV. NO : 0
APPLICATION:	PROJECT NAME:	QUANTITY :	SETS

GENERAL DATA			PERFORMANCE DATA		
FRAME NO.	160M		OUTPUT	11 kW	
ENCLOSURE	☐ DRIP PROOF		POLES	4 POLES	
	☒ TOTALLY ENCLOSED		ROTOR TYPE	SQUIRREL CAGE	
	☐ Increased Safety Exp.-proof		STARTING METHOD	☒ D.O.L ☐ Y- Δ	
PROTECTION	IP 55	☐ REACTOR (%TAP) ☐ V.V.V.F			
METHODS OF COOLING	☐ SC ☒ FC ☐ NV	☐ VECTOR-DRIVE			
PHASE	3 PHASE	RATED VOLTAGE	380 V	V	
SERVICE FACTOR	1.15	FREQUENCY	60	Hz	
INSULATION CLASS	F CLASS	CURRENT			
TEMP. RISE AT FULL LOAD (at S.F 1.0)		NO LOAD		A	A
RES. METHOD	105 deg	FULL LOAD	22.8	A	A
THERMO. METHOD	deg	STARTING	147.9	A	A
LOCATION	☒ INDOOR ☐ OUTDOOR		EFFICIENCY		
ALTITUDE	1000 m	AT 1/2 LOAD			
HUMIDITY	80 %	AT 3/4 LOAD			
AMBIENT TEMPERATURE	-10~40 $^{\circ}$ C	AT FULL LOAD			
RATING	☒ CONT. ☐ %ED		POWER FACTOR		
NEMA DESIGN	B		AT 1/2 LOAD		
MOUNTING	☒ B3 ☐ B5 ☐ V1 ☐ B3B5		AT 3/4 LOAD		
BEARING	TYPE	BALL / BALL	AT FULL LOAD		
	DEIN-DE	6309ZZC3 / 6307ZZC3	SPEED (AT FULL LOAD)		
	LUBRICANT	GREASE	TORQUE		
COUPLING METHOD	☒ DIRECT ☐ V-BELT		FULL LOAD	6.03 kg-m	100%
ROTATION(Facing Drive End)	☐ CW ☒ CCW		LOCKED ROTOR	9.05 kg-m	150%
SHAFT			BREAKDOWN	12.07 kg-m	200%
EXTENSION	SINGLE		NOISE LEVEL		
EXTERNAL THRUST	-		VIBRATION		
TERMINAL BOX		ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAFT			
MAIN	☒ STEEL ☐ AL ☐ CAST		(AT DIRECT ON-LINE)		
AUX.	☐ YES ☒ NO		Motor GD ²		
BOX LOCATION	LEFT (Viewed from Drive end)		MOTOR APPROX. WEIGHT		
APPLICATION STANDARDS	KS.IEC		PAINTING		
		MUNSELL NO.		5PB 2.5/8	
		THICKNESS		☒ STANDARD ☐ μ m	

ACCESSORIES (OPTIONAL)			SUBMITTAL DRAWINGS		
TEMPERATURE DETECTOR			OUTLINE DIMENSION		
WINDING	NO		SPEED-TORQUE CURVE		
TYPE	-		TERMINAL BOX DIMENSION		
BEARING	NO				
TYPE	-				
SPACE HEATER	NO				
RATING	-				

NOTE	REMARKS
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS.	1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE.
2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE IN ACCORDANCE WITH HIGEN MOTOR STANDARD.	2. PREMIUM EFFICIENCY MOTOR.
TE : TOTALLY ENCLOSED DP : DRIP PROOF	DATE
FC : FAN COOLED SC : SELF COOLED	2016-04-08
	PREPARED
	H.S.LIM
	CHECKED
	K.I.HA
	APPROVED
	K.I.HA