INDUCTION MOTOR DATA SHEET 5.5 kW MODEL: PMN08HK3HU CUSTOMER: REV.NO: APPLICATION: PROJECT NAME: QUANTITY : APPLICATION: PROJECT NAME: QUANTITY : FRAME NO. FF265 OUTPUT 5.5 kW	θE
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LOCATION INDOOR OUTDOOR EFFICIENCY ALTITUDE 1000 m AT 1/2 LOAD	
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HUMIDITY 80 % AT 3/4 LOAD	%
	%
AMBIENT TEMPERATURE -10~40 AT FULL LOAD 89.0	%
RATING CONT. 2 %ED POWER FACTOR	
NEMA DESIGN B AT 1/2 LOAD	%
MOUNTING B3 B5 V1 B3B5 AT 3/4 LOAD	%
BEARING TYPE BALL AT FULL LOAD 88.0	%
DE\N-DE 6308ZZC3/6206ZZC3 SPEED (AT FULL LOAD) 3540	rpm
LUBRICANT GREASE TORQUE	
	kg-m 100%
	kg-m 150%
	<u>kg-m 220%</u>
EXTENSION SINGLE NOISE LEVEL 83	dB(A)
EXTERNAL THRUST VIBRATION 30.0	μ m
TERMINAL BOX ALLOWABLE LOAD GD ² REFERRED TO MOTOR SHAF	
MAIN STEEL AL CAST (AT DIRECT ON-LINE) 4.6	kg-m ²
AUX. \square YES \checkmark NO Motor GD ² 0.1060	kg-m ²
BOX LOCATION LEFT (Viewed from Drive end) MOTOR APPROX. WEIGHT 64	kg
APPLICATION STANDARDS KS.IEC PAINTING MUNSELL NO. 1.4BG	4.8/7.5
THICKNESS STANDARD	<u>μ</u> m
ACCESSORIES (OPTIONAL) SUBMITTAL DRAWINGS	
OUTLINE DIMENSION DW-PMN08HK SPEED-TORQUE CURVE ST-PMN08HK3	
TERMINAL BOX DIMENSION TB-3550KK330	
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NOTE REMARKS	
NOTE REMARKS 1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE 1. ABOVE ALL DATA ARE CALCULATED AT 100% 1	
GUARANTEED WITH TOLERANCE OF APPLICATION STANDARDS. 2. HIGH EFFICIENCY MOTOR	
2. OTHERS NOT MENTIONED IN THIS SHEET SHALL BE	
IN ACCORDANCE WITH HIGEN STANDARD.	
TE : TOTALLY ENCLOSED DP : DRIP PROOF DATE PREPARED CHECKED	APPROVED
FC : FAN COOLED SC : SELF COOLED 2009-06-09 A.R.LEE K.I.HA	H.J.KIM