



# INDUCTION MOTOR DATA SHEET

3 kW 8 P

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

GENERAL DATA		PERFORMANCE DATA			
FRAME NO.	132	OUTPUT	3.0	kW	
ENCLOSURE	<input type="checkbox"/> DRIP PROOF	POLES	8	POLES	
	<input checked="" type="checkbox"/> TOTALLY ENCLOSED	ROTOR TYPE	SQUIRREL CAGE		
	<input type="checkbox"/> Increased Safety Exp.-proof	STARTING METHOD	<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y-		
PROTECTION	IP 54		<input type="checkbox"/> REACTOR ( %TAP) <input type="checkbox"/> V.V.V.F		
METHODS OF COOLING	<input type="checkbox"/> SC <input type="checkbox"/> FC <input checked="" type="checkbox"/> AO	<input type="checkbox"/> SOFT-STARTER			
PHASE	3 PHASE	RATED VOLTAGE	440	V	- V
SERVICE FACTOR	1.0	FREQUENCY	60	Hz	
INSULATION CLASS	F CLASS	CURRENT			
TEMP. RISE AT FULL LOAD (at S.F 1.0)		NO LOAD	4.7	A	- A
RES. METHOD	100	FULL LOAD	8.5	A	- A
THERMO. METHOD		STARTING	55.3	A	- A
LOCATION	<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR	EFFICIENCY			
ALTITUDE	1000 m	AT 1/2 LOAD			
HUMIDITY	90 %	AT 3/4 LOAD			
AMBIENT TEMPERATURE	-10-40	AT FULL LOAD	78.0		
RATING	<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED	POWER FACTOR			
NEMA DESIGN	B	AT 1/2 LOAD			
MOUNTING	<input type="checkbox"/> B3 <input type="checkbox"/> B5 <input checked="" type="checkbox"/> V1 <input type="checkbox"/> B3B5	AT 3/4 LOAD			
BEARING	TYPE	AT FULL LOAD	65.5		
	DEW-DE	SPEED (AT FULL LOAD)			
	LUBRICANT	6208ZZ/6206ZZ	850	rpm	
COUPLING METHOD	<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT	TORQUE			
ROTATION(Facing Drive End)	<input checked="" type="checkbox"/> CW <input checked="" type="checkbox"/> CCW	FULL LOAD	3.4	kg-m	100%
SHAFT	EXTENSION	LOCKED ROTOR	6.2	kg-m	180%
		BREAKDOWN	6.9	kg-m	200%
		NOISE LEVEL			
EXTERNAL THRUST		VIBRATION			
TERMINAL BOX		ALLOWABLE LOAD GD <sup>2</sup> REFERRED TO MOTOR SHAFT			
MAIN	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> CAST	(AT DIRECT ON-LINE)	53.7	kg-m <sup>2</sup>	
AUX.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Motor GD <sup>2</sup>	0.1683	kg-m <sup>2</sup>	
BOX LOCATION	LEFT (Viewed from Drive end)	MOTOR APPROX. WEIGHT	61.0	kg	
APPLICATION STANDARDS	KS.IEC	PAINING	MUNSELL NO.	7.1 B 4.0/0.9	
		THICKNESS	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/>	μm	

ACCESSORIES (OPTIONAL)		SUBMITTAL DRAWINGS			
TEMPERATURE DETECTOR					
WINDING	TYPE				
	BEARING				
	TYPE				
OIL SEAL	YES				
	38*58*11				
<b>NOTE</b>		<b>REMARKS</b>			
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 OTIS STANDARD.					
TE : TOTALLY ENCLOSED	DP : DRIP PROOF	DATE	PREPARED	CHECKED	APPROVED
AC: AOR OF COOLING		2007.06.29	J.H JO	J.H JO	H.J.KIM