

# INDUCTION MOTOR DATA SHEET

0.75 kW - 4 P

MODEL: I01HZ1FF	CUSTOMER :	REV. NO :
APPLICATION:	PROJECT NAME:	QUANTITY :

GENERAL DATA		PERFORMANCE DATA			
FRAME NO.	80	OUTPUT	0.75 kW		
ENCLOSURE	<input type="checkbox"/> DRIP PROOF	POLES	4 POLES		
	<input checked="" type="checkbox"/> TOTALLY ENCLOSED	ROTOR TYPE	SQUIRREL CAGE		
	<input type="checkbox"/> Increased Safety Exp.-proof		<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y-		
PROTECTION	IP 44	STARTING METHOD	<input type="checkbox"/> REACTOR ( %TAP) <input type="checkbox"/> V.V.V.F		
METHODS OF COOLING	<input type="checkbox"/> SC <input checked="" type="checkbox"/> FC <input type="checkbox"/>		<input type="checkbox"/> SOFT-STARTER		
FREQUENCY	60 Hz	RATED VOLTAGE	480 V	V	V
PHASE	3 PHASE	CURRENT			
SERVICE FACTOR	1.15	NO LOAD	A	A	A
INSULATION CLASS	F CLASS	FULL LOAD	1.5 A	A	A
TEMP. RISE AT FULL LOAD (at S.F 1.0)		STARTING	13.1 A	A	A
RES. METHOD	105	EFFICIENCY			
THERMO. METHOD		AT 1/2 LOAD	%		
LOCATION	<input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR	AT 3/4 LOAD	%		
ALTITUDE	1000 m	AT FULL LOAD	76.0	%	
HUMIDITY	80 %	POWER FACTOR			
AMBIENT TEMPERATURE	-10-40	AT 1/2 LOAD	%		
RATING	<input checked="" type="checkbox"/> CONT. <input type="checkbox"/> %ED	AT 3/4 LOAD	%		
NEMA DESIGN	B	AT FULL LOAD	77.0	%	
MOUNTING	<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3B5	SPEED (AT FULL LOAD)	1730	rpm	
BEARING	TYPE	BALL	TORQUE		
	DEW-DE	6204ZZ/6203ZZ	FULL LOAD	0.4 kg-m	100%
	LUBRICANT	GREASE	LOCKED ROTOR	0.8 kg-m	190%
COUPLING METHOD	<input checked="" type="checkbox"/> DIRECT <input type="checkbox"/> V-BELT	BREAKDOWN	0.8 kg-m	200%	
SHAFT		NOISE LEVEL	63.0	dB(A)	
EXTENSION	SINGLE	VIBRATION	30.0	μm	
EXTERNAL THRUST		ALLOWABLE LOAD GD <sup>2</sup> REFERRED TO MOTOR SHAFT			
TERMINAL BOX		(AT DIRECT ON-LINE)	3.6	kg-m <sup>2</sup>	
MAIN	<input checked="" type="checkbox"/> STEEL <input type="checkbox"/> AL <input type="checkbox"/> CAST	Motor GD <sup>2</sup>	0.0092	kg-m <sup>2</sup>	
AUX.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	MOTOR APPROX. WEIGHT	16.0	kg	
BOX LOCATION	LEFT (Viewed from Drive end)	PAINING	MUNSELL NO.	7.1B 4.0/0.9	
APPLICATION STANDARDS	IEC, KS	THICKNESS	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/>	μm	

ACCESSORIES (OPTIONAL)	SUBMITTAL DRAWINGS

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 OTIS STANDARD.	
FC : FAN COOLED SC : SELF COOLED	DATE PREPARED CHECKED APPROVED
	2007.08.23 H.G.HAN H.K.KIM H.J.KIM