

	<b>INDUCTION MOTOR DATA SHEET</b>		PROJECT No.	10097791_0001			
			MODEL No.	HMB01010004201			
			L-SPEC No.	DMB0120918H001			
SHEET 1 OF 1	CUSTOMER : EBARA						
FOR APPROVAL	JOB No. :		ITEM No. :				
SERVICE : PUMP	SITE : Tanjung Jati		QUANTITY 4 SETS				
<b>GENERAL DATA</b>			<b>PERFORMANCE DATA</b>				
FRAME No.	710		OUTPUT	7250 kW			
TYPE	TEWAC		POLES	4 P			
ENCLOSURE	TE		ROTOR TYPE	SQUIRREL CAGE			
COOLING METHOD	WAC(IC81W)		STARTING METHOD	DIRECT ON LINE			
INSULATION CLASS	F CLASS		PHASE	3 PHASE			
TEMP. RISE AT FULL LOAD			FREQUENCY	50 Hz			
RES. METHOD	B CLASS		SPEED (AT FULL LOAD)	1490 r/min			
RATING	S1		PRIMARY				
LOCATION	INDOOR		VOLTAGE	10000 V			
ALTITUDE	1,000 m		NO LOAD CURRENT	84.5 A			
HUMIDITY	100%		FULL LOAD CURRENT	479.3 A			
AMBIENT TEMP. (MAX)	40 °C		LOCKED-ROTOR CURRENT	500 %			
EXPLOSION PROOF TYPE	N/A		EFFICIENCY				
MOUNTING	B3		AT 1/2 LOAD	95.6 %			
BEARING TYPE	SLEEVE		AT 3/4 LOAD	96.2 %			
NDE/DE BRG. No.	EF 22-250 / EF 22-250		AT FULL LOAD	96.5 %			
BRG. LUBRICATION	OIL FORCED		POWER FACTOR				
PROTECTION GRADE	IP55		AT 1/2 LOAD	89.0 %			
SERVICE FACTOR	1.0		AT 3/4 LOAD	90.0 %			
DRIVE	DIRECT COUPLED		AT FULL LOAD	90.5 %			
SHAFT			TORQUE				
EXTENSION	DOUBLE		FULL LOAD	46444.8 N-m			
EXTERNAL THRUST	N/A		LOCKED ROTOR	60 %			
NOISE LEVEL(MEAN VALUE AT 1.0m FROM MOTOR)			BREAKDOWN	160 %			
NO-LOAD	79 dB(A)		MOTOR GD <sup>2</sup>	1736.9 kg-m <sup>2</sup>			
VIBRATION	BELOW 1.5mm/s(rms)		MAX LOAD GD <sup>2</sup> AT MOTOR SHAFT	5000.0 kg-m <sup>2</sup>			
No. OF CONSECUTIVE STARTS	COLD : 2 / HOT : 1		MOTOR APPROX. WEIGHT	22700 kg			
ROTATION(VIEWED FROM DE)	C.C.W(FROM D.E)		PAINTING	RAL 7035			
<b>ACCESSORIES (OPTIONAL)</b>			<REMARKS>				
TEMPERATURE DETECTOR			1. ABOVE ALL DATA ARE CALCULATED AT 100% VOLTAGE. 2. THE INSULATING COUPLING SHOULD BE USED ON THE BOOSTER PUMP END SIDE. 3. 3NOS. CTS WILL BE DELIVERED AS LOOSE PARTS. 4. COOLING WATER TEMP : 37°C				
WINDING	YES(6EA/SET)						
TYPE	PT 100 OHM,SINGLE						
BEARING	YES(2EA/SET)						
TYPE	PT 100 OHM,DUAL,HEAD TYPE						
INNER AIR	YES(1EA/SET)						
TYPE	PT 100 OHM,DUAL,HEAD TYPE						
SPACE HEATER	YES						
RATING	1PH 220V 700W						
CURRENT TRANSFORMER	YES(3EA/SET)						
RATING	CLASS 5P20, 600:1						
VIBRATION SENSOR	4- PROVISION ONLY						
WATER LEAKAGE DETECTOR	YES(1EA/MOTOR)						
APPLICATION STANDARD							
IEC60034-1							
1. THESE DATA ARE ONLY DESIGN VALUES AND SHALL BE GUARANTEED WITH TOLERANCE OF APPLICATION STANDARD. NOISE LEVEL WITH TOLERANCE OF +3dB(A). 2. EXCEPT FOR STATEMENTS SPECIFIED ON THIS SHEET, ANYTHING ELSE SHALL BE IN ACCORDANCE WITH MAKER STANDARD.			5	28-Feb-19	Y.H.JEONG	W.B.JEONG	J.H.SHIN
			4	12-Nov-18	Y.H.JEONG	W.B.JEONG	J.H.SHIN
			3	20-Jun-18	Y.H.JEONG	W.B.JEONG	J.H.SHIN
			REV. No.	DATE	PREPARED	CHECKED	APPROVED