

# VALIADIS S.A.

## ELECTRIC MOTOR TEST REPORT - THREE PHASE INDUCTION MOTOR

<b>NAMEPLATE DATA</b>	<b>IEC TYPE</b>	<b>11 KW</b>	<b>1457 RPM</b>
K132M-4 <b>FRAME REDUCED</b>	<b>3 PHASE</b>	<b>400 VOLTS</b>	<b>50 HZ / CYCLES</b>
<b>89,8 EFFICIENCY</b>	<b>20,8 AMPS</b>	<b>55 IP</b>	<b>IC</b>
<b>4 POLE</b>	<b>S1 DUTY</b>	<b>0,853 PF</b>	<b>N/A EFF2</b>
<b>VALIADIS MANUFACTURER</b>	<b>SERIAL NO.</b>	<b>F INS.CLASS</b>	<b>DELTA CONNECTION</b>

MAJOR CONTENTS	UNIT	TEST VALUE	
STATOR RESISTANCE OF PHASE TO PHASE	90 DEG.C	OHM	0,7459
NO LOAD CURRENT		AMP	9,56
NO LOAD INPUT		kW	0,474
CORE LOSS(Pfe)		kW	0,294
WINDAGE FRICTION LOSS(Pfw)		kW	0,088
STATOR WINDING LOSS(Pcu1)		kW	0,482
ROTOR WINDING LOSS(Pcu2)		kW	0,331
STRAY LOAD LOSS(Ps)		kW	0,061
FULL LOAD CURRENT		AMP	20,75
LOCKED ROTOR CURRENT		AMP	139,84
LOCKED ROTOR CURRENT/FULL LOAD CURRENT		P.U.	6,7
FULL LOAD TORQUE		N.m	72,15
LOCKED ROTOR TORQUE		N.m	165,22
LOCKED ROTOR TORQUE/FULL LOAD TORQUE		P.U.	2,29
PULL OUT TORQUE		N.m	183,3
PULL OUT TORQUE/FULL LOAD TORQUE		P.U.	2,54
EFFICIENCY @ FULL LOAD		%	89,758
POWER FACTOR @ FULL LOAD			0,853
FULL LOAD SLIP		%	2,880
FULL LOAD SPEED		r/min	1457
STATOR WINDING TEMPERATURE RISE	90 SECS	K	72
D.E. BEARINGS TEMPERATURE BY PT100		Deg. C	64,1
AMBIENT TEMPERATURE OF TESTING		Deg. C	21,3
SOUND PRESSURE LEVEL		dB(A)	68
VIBRATION		mm/s	0,5

The data above is calculated as per IEC 34-2,all data at nominal Volts.

<b>VALIADIS S.A.</b>  <b>K132M-4</b> <b>11 kW</b>  <b>400 VOLTS 50 Hz</b>	<b>SCALE</b>	N/A	
	<b>DATE</b>		<b>REV</b>
	<b>DRAWN</b>		<b>DOCUMENT NO.</b>
	<b>APPRVD</b>		
	<b>CHECKED</b>		