

# VALIADIS S.A.

## ELECTRIC MOTOR TEST REPORT - THREE PHASE INDUCTION MOTOR

<b>NAMEPLATE DATA</b>	<b>IEC TYPE</b>	<b>132 KW</b>	<b>992 RPM</b>
K315L-6 <b>FRAME</b>	<b>3 PHASE</b>	<b>400 VOLTS</b>	<b>50 HZ / CYCLES</b>
<b>95,2 EFFICIENCY</b>	<b>230,8 AMPS</b>	<b>55 IP</b>	<b>IC411 IC</b>
<b>6 POLE</b>	<b>S1 DUTY</b>	<b>0,867 PF</b>	<b>94,60 EFF(IE2)</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	OHM	0,0375
NO LOAD CURRENT	AMP	90,10
NO LOAD INPUT	kW	2,835
CORE LOSS(Pfe)	kW	2,007
WINDAGE FRICTION LOSS(Pfw)	kW	0,554
STATOR WINDING LOSS(Pcu1)	kW	1,998
ROTOR WINDING LOSS(Pcu2)	kW	1,091
STRAY LOAD LOSS(Ps)	kW	0,990
FULL LOAD CURRENT	AMP	230,8
LOCKED ROTOR CURRENT	AMP	1626,8
LOCKED ROTOR CURRENT/FULL LOAD CURRENT	P.U.	7,1
FULL LOAD TORQUE	N.m	1271,6
LOCKED ROTOR TORQUE	N.m	3242,5
LOCKED ROTOR TORQUE/FULL LOAD TORQUE	P.U.	2,55
PULL OUT TORQUE	N.m	3700,2
PULL OUT TORQUE/FULL LOAD TORQUE	P.U.	2,91
EFFICIENCY @ FULL LOAD	%	95,2
EFFICIENCY @ 75% LOAD	%	94,7
POWER FACTOR @ FULL LOAD		0,87
FULL LOAD SLIP	%	0,81
FULL LOAD SPEED	r/min	992
STATOR WINDING TEMPERATURE RISE	K	64
D.E. BEARINGS TEMPERATURE BY PT100	Deg. C	61,4
SOUND POWER LEVEL	dB(A)	78
VIBRATION	mm/s	2,0

standard methods for determining losses and efficiency from tests: pu determined from residual loss(IEC60034-2)

<b>VALIADIS S.A.</b>  <b>K315L-6</b> <b>132 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>		