

VALIADIS S.A.

ELECTRIC MOTOR TEST REPORT - THREE PHASE INDUCTION MOTOR

NAMEPLATE DATA	IEC TYPE	200 kW	993 RPM
K315LX FRAME	3 PHASE	400 VOLTS	50 HZ / CYCLES
94,9 EFFICIENCY	344,3 AMPS	55 IP	IC
6 POLE	S1 DUTY	0.883 PF	N/A EFF2
VALIADIS MANUFACTURER	SERIAL NO.	F INS.CLASS	DELTA CONNECTION

MAJOR CONTENTS	UNIT	TEST VALUE	
STATOR RESISTANCE OF PHASE TO PHASE	90 DEG.C	OHM	0,0109
NO LOAD CURRENT		AMP	114,13
NO LOAD INPUT		kW	4,229
CORE LOSS(Pfe)		kW	2,894
WINDAGE FRICTION LOSS(Pfw)		kW	1,143
STATOR WINDING LOSS(Pcu1)		kW	1,945
ROTOR WINDING LOSS(Pcu2)		kW	1,524
STRAY LOAD LOSS(Ps)		kW	3,237
FULL LOAD CURRENT		AMP	344,30
LOCKED ROTOR CURRENT		AMP	2437,64
LOCKED ROTOR CURRENT/FULL LOAD CURRENT		P.U.	7,1
FULL LOAD TORQUE		N.m	1925,25
LOCKED ROTOR TORQUE		N.m	3869,75
LOCKED ROTOR TORQUE/FULL LOAD TORQUE		P.U.	2,01
PULL OUT TORQUE		N.m	4755,4
PULL OUT TORQUE/FULL LOAD TORQUE		P.U.	2,47
EFFICIENCY @ FULL LOAD		%	94,903
POWER FACTOR @ FULL LOAD			0,883
FULL LOAD SLIP		%	0,740
FULL LOAD SPEED		r/min	993
STATOR WINDING TEMPERATURE RISE	90 SECS	K	60
D.E. BEARINGS TEMPERATURE BY PT100		Deg. C	79,2
AMBIENT TEMPERATURE OF TESTING		Deg. C	16,7
SOUND POWER LEVEL		dB(A)	79
VIBRATION		mm/s	0,7

VALIADIS S.A.		SCALE	N/A		
		DATE		REV	
K315LX-6 200 kW		DRAWN		DOCUMENT NO.	
		APPRVD			
400	VOLTS	50	Hz		
		CHECKED			