

VALIADIS S.A.

ELECTRIC MOTOR TEST REPORT - THREE PHASE INDUCTION MOTOR

NAMEPLATE DATA	IEC TYPE	22 KW	983 RPM
K200L-6 FRAME	3 PHASE	400 VOLTS	50 HZ / CYCLES
91,2 EFFICIENCY	42,2 AMPS	55 IP	IC411 IC
6 POLE	S1 DUTY	0,825 PF	90,9 IE2
VALIADIS MANUFACTURER	SERIAL NO.	F INS.CLASS	DELTA CONNECTION

MAJOR CONTENTS	UNIT	TEST VALUE
STATOR RESISTANCE OF PHASE	OHM	0,3354
NO LOAD CURRENT	AMP	21,27
NO LOAD INPUT	W	1078,9
CORE LOSS(Pfe)	W	821,5
WINDAGE FRICTION LOSS(Pfw)	W	115,1
STATOR WINDING LOSS(Pcu1)	W	606,1
ROTOR WINDING LOSS(Pcu2)	W	378,3
STRAY LOAD LOSS(Ps)	W	208,4
FULL LOAD CURRENT	AMP	42,21
LOCKED ROTOR CURRENT	AMP	304,69
LOCKED ROTOR CURRENT/FULL LOAD CURRENT	P.U.	7,2
LOCKED ROTOR INPUT @ FULL LOAD	kW	94,88
FULL LOAD TORQUE	N.m	213,77
LOCKED ROTOR TORQUE	N.m	521,47
LOCKED ROTOR TORQUE/FULL LOAD TORQUE	P.U.	2,43
PULL OUT TORQUE	N.m	625,3
PULL OUT TORQUE/FULL LOAD TORQUE	P.U.	2,92
EFFICIENCY @ FULL LOAD	%	91,2
EFFICIENCY @ 75% LOAD	%	90,9
POWER FACTOR @ FULL LOAD		0,83
FULL LOAD SLIP	%	1,666
FULL LOAD SPEED	r/min	983
STATOR WINDING TEMPERATURE RISE	K	61
D.E. BEARINGS TEMPERATURE BY PT100	Deg. C	57,3
SOUND POWER LEVEL	dB(A)	71
VIBRATION	mm/s	0,3

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

VALIADIS S.A.	SCALE	N/A		
	DATE		REV	
K200L-6	DRAWN		DOCUMENT NO.	
22 kW	APPRVD			