

VALIADIS S.A.

ELECTRIC MOTOR TEST REPORT - THREE PHASE INDUCTION MOTOR

NAMEPLATE DATA	IEC TYPE	1250 kW	995 r/min
TMKHV630-6 FRAME	3 PHASE	6600 VOLTS	50 Hz
96,6 EFFICIENCY	128,6 AMPS	55 IP	IC
6 POLE	S1 DUTY	0,880 PF	
VALIADIS MANUFACTURER	SERIAL NO.	F INS.CLASS	STAR CONNECTION

MAJOR CONTENTS	UNIT	TEST VALUE
STATOR RESISTANCE OF PHASE TO PHASE	OHM	0,4521
NO LOAD CURRENT	AMP	42,08
NO LOAD INPUT	kW	21,501
CORE LOSS(Pfe)	kW	14,170
WINDAGE FRICTION LOSS(Pfw)	kW	6,250
STATOR WINDING LOSS(Pcu1)	kW	11,207
ROTOR WINDING LOSS(Pcu2)	kW	5,842
STRAY LOAD LOSS(Ps)	kW	6,470
FULL LOAD CURRENT	AMP	128,56
LOCKED ROTOR CURRENT	AMP	872,92
LOCKED ROTOR CURRENT/FULL LOAD CURRENT	P.U.	6,8
FULL LOAD TORQUE	N.m	11991,47
LOCKED ROTOR TORQUE	N.m	13070,70
LOCKED ROTOR TORQUE/FULL LOAD TORQUE	P.U.	1,09
PULL OUT TORQUE	N.m	32736,7
PULL OUT TORQUE/FULL LOAD TORQUE	P.U.	2,73
INPUT @ FULL LOAD	kW	1293,942
EFFICIENCY @ FULL LOAD	%	96,6
POWER FACTOR @ FULL LOAD		0,88
FULL LOAD SLIP	%	0,461
FULL LOAD SPEED	r/min	995
STATOR WINDING TEMPERATURE RISE	K	73
D.E. BEARINGS TEMPERATURE BY PT100	Deg. C	62,2
AMBIENT TEMPERATURE OF TESTING	Deg. C	19,8
NOISE	dB(A)	103
VIBRATION	mm/s	0,8

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

VALIADIS S.A. TMKHV630-6 1250 kW 6600 VOLTS 50 Hz	SCALE	N/A		
	DATE		REV	
	DRAWN		DOCUMENT NO.	
	APPRVD			
	CHECKED			