

VALIADIS S.A.

ELECTRIC MOTOR TEST REPORT - THREE PHASE INDUCTION MOTOR

NAMEPLATE DATA	IEC TYPE	11 KW	2874 RPM
K132M-2 FRAME REDUCED	3 PHASE	400 VOLTS	50 HZ / CYCLES
87,3 EFFICIENCY	19,2 AMPS	55 IP	IC
2 POLE	S1 DUTY	0,946 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	0,9173
NO LOAD CURRENT		AMP	2,93
NO LOAD INPUT		kW	0,544
CORE LOSS(Pfe)		kW	0,203
WINDAGE FRICTION LOSS(Pfw)		kW	0,330
STATOR WINDING LOSS(Pcu1)		kW	0,509
ROTOR WINDING LOSS(Pcu2)		kW	0,499
STRAY LOAD LOSS(Ps)		kW	0,063
FULL LOAD CURRENT		AMP	19,23
LOCKED ROTOR CURRENT		AMP	122,70
LOCKED ROTOR CURRENT/FULL LOAD CURRENT		P.U.	6,4
FULL LOAD TORQUE		N.m	36,57
LOCKED ROTOR TORQUE		N.m	81,55
LOCKED ROTOR TORQUE/FULL LOAD TORQUE		P.U.	2,23
PULL OUT TORQUE		N.m	90,7
PULL OUT TORQUE/FULL LOAD TORQUE		P.U.	2,48
EFFICIENCY @ FULL LOAD		%	87,270
POWER FACTOR @ FULL LOAD			0,946
FULL LOAD SLIP		%	4,200
FULL LOAD SPEED		r/min	2874
STATOR WINDING TEMPERATURE RISE	90 SECS	K	71
D.E. BEARINGS TEMPERATURE BY PT100		Deg. C	58,4
AMBIENT TEMPERATURE OF TESTING		Deg. C	18,6
SOUND PRESSURE LEVEL		dB(A)	78
VIBRATION		mm/s	0,2

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

VALIADIS S.A.		SCALE	N/A	
		DATE		REV
K132M-2 11 kW		DRAWN		DOCUMENT NO.
		APPRVD		
400	VOLTS	50	Hz	
		CHECKED		