



CATTLE FARMS

MOTORE ASINCRONO - BIG FAN dia:5.....meters

FAN SPEED		ABSORBED POWER	AIR VELOCITY m/sec.			AIR FLOW RATE m3/H			SOUND LEVEL dBA (Max. RPM)	NOTE
Motor HZ	Fan RPM	kW	-w-Average speed air under the fan	Radius 5 mt.	Radius 7.5 mt.	Under the fan	Radius 5 mt.	Radius 7.5 mt.		
20	35	0.39	1.20	0.94	0.85	84824	66411	60052		
25	45	0.44	1.54	1.40	0.96	108856	98960	67860		
30	54	0.47	1.85	1.55	1.10	130770	109368	77616		
35	63	0.56	2.16	1.69	1.25	152682	119246	88200		
40	71	0.62	2.43	2.11	1.52	171767	148881	107251		
45	80	0.68	2.74	2.30	1.63	193680	162288	115012		
50	90	0.75	3.08	2.50	1.94	217715	176400	136886	60 +/-2	
55	98	0.92	3.36	2.85	2.18	237505	201455	154095		

TEST DATA

DAY / MONTH		MOTOR KW / POLES NUMBER	1,1	4
TIME		MOTOR RPM (50 Hz)	1420	
AMBIENT TEMP. , °C		CURRENT , Ampere	2,6	
AMBIENT UMIDITY		REDUCER RATIO	1 : 16	
FAN BLADE NUMBER	6			
DISTANCE FLOOR / FAN , m	4.0			
DIST. FLOOR / ANEMOMETER , m	1			

