



CATTLE FARMS

MOTORE ASINCRONO - BIG FAN dia:7.....meters

FAN SPEED		ABSORBED POWER	AIR VELOCITY m/sec.			AIR FLOW RATE m3/H			SOUND LEVEL	NOTE
Motor HZ	Fan RPM	KW	-w-Average speed air under the fan	Radius 5 mt.	Radius 10 mt.	Under the fan	Radius 5 mt.	Radius 10 mt.	dBA (Max. RPM)	
20	27	0.62	1.51	1.10	0.96	209203	152400	133003		
25	34	0.67	1.90	1.54	1.22	263235	213360	169025		
30	40	0.70	2.24	1.60	1.35	310340	221185	186625		
35	47	0.81	2.63	2.00	1.50	364374	276480	207360		
40	55	0.93	3.08	2.25	2.13	426719	311040	294451		
45	61	0.98	3.41	2.55	2.4	472438	352512	331776	61 +/-2	

TEST DATA

DAY / MONTH		MOTOR KW / POLES NUMBER	1.5	4
TIME		MOTOR RPM (50 Hz)	1420	
AMBIENT TEMP. , °C		CURRENT , Ampere	3.5	
AMBIENT UMIDITY		REDUCER RATIO	1 : 21	
FAN BLADE NUMBER	6			
DISTANCE FLOOR / FAN , m	4.5			
DIST. FLOOR / ANEMOMETER , m	1			

