



CATTLE FARMS

BIG FAN dia:.....3..... meters

FAN SPEED		ABSORBED POWER	AIR VELOCITY m/sec.			AIR FLOW RATE m ³ /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	0.12	0.50	0.44	0.36	12723	11196	9160		
25	45	0.13	0.65	0.52	0.41	16540	13232	10433		
30	51	0.15	0.74	0.68	0.47	18830	17303	11960		
35	59	0.15	0.85	0.81	0.54	21630	20612	13741		
40	68	0.18	0.98	0.95	0.61	24938	24174	15522		
45	77	0.21	1.11	1.09	0.65	28246	27737	16540		
50	85	0.21	1.23	1.22	0.69	31300	31045	17558		
55	93	0.24	1.34	1.25	0.77	34098	31808	19594		
60	102	0.24	1.47	1.35	0.94	37407	34353	23920	57 +/-2	

TEST DATA

DAY / MONTH		MOTOR KW / POLES NUMBER	0,25	4
TIME		MOTOR RPM (50 Hz)	1360	
AMBIENT TEMP. , °C		CURRENT , Ampere	0,95	
AMBIENT UMIDITY		REDUCER RATIO	1 : 16	
FAN BLADE NUMBER	5			
DISTANCE FLOOR / FAN , m	3,7			
DIST. FLOOR / ANEMOMETER , m	1			

