



CATTLE FARMS

MOTORE ASINCRONO - BIG FAN dia:6.....meters

FAN SPEED		ABSORBED POWER	AIR VELOCITY m/sec.			AIR FLOW RATE m ³ /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	0.44	1.33	0.97	0.62	135376	98718	63098		
25	34	0.46	1.68	1.32	0.94	171001	134338	95665		
30	40	0.49	1.97	1.62	1.25	200519	164812	127170		
35	47	0.53	2.32	1.80	1.37	236145	183124	139378		
40	55	0.61	2.71	2.00	1.63	255841	203472	165829		
45	61	0.69	3.01	2.19	1.70	306377	222801	172951		
50	68	0.78	3.36	2.36	1.82	342002	240096	185159	61 +/-2	

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 : 21	
FAN BLADE NUMBER	6			
DISTANCE FLOOR / FAN , m	4.5			
DIST. FLOOR / ANEMOMETER , m	1			

