



CATTLE FARMS

MOTORE ASINCRONO - BIG FAN dia:4.....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	0.35	0.77	0.7	0.52	34832	31665	23523		
25	45	0.36	0.98	0.83	0.66	44784	37546	29856		
30	54	0.38	1.18	0.86	0.77	53379	38885	34816		
35	63	0.41	1.38	0.97	0.90	62427	43860	40694		
40	71	0.45	1.56	1.22	1.02	70569	55190	46120		
45	80	0.48	1.75	1.62	1.45	79166	73285	65563		
50	90	0.56	1.97	1.85	1.75	89119	83690	79128	58 +/-2	
55	97	0.63	2.14	2.02	1.94	96810	91378	87759		

TEST DATA

DAY / MONTH		MOTOR KW / POLES NUMBER	0,75	4
TIME		MOTOR RPM (50 Hz)	1420	
AMBIENT TEMP. , °C		CURRENT , Ampere	1,7	
AMBIENT UMIDITY		REDUCER RATIO	1 : 16	
FAN BLADE NUMBER	5			
DISTANCE FLOOR / FAN , m	4.0			
DIST. FLOOR / ANEMOMETER , m	1			

