



CATTLE FARMS

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

FAN SPEED		ABSORBED POWER	AIR VELOCITY m/sec.			AIR FLOW RATE m ³ /H			SOUND LEVEL dBA (Max. RPM)	NOTE
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.			
30	0.166	1.33	0.97	0.62	135376	98718	63098			
35	0.192	1.68	1.32	0.94	171001	134338	95665			
40	0.241	1.97	1.62	1.25	200519	164812	127170			
45	0.267	2.32	1.80	1.37	236145	183124	139378			
50	0.366	2.71	2.00	1.63	255841	203472	165829			
60	0.566	3.01	2.19	1.70	306377	222801	172951			
70	0.952	3.36	2.36	1.82	342002	240096	185159	58 +/-2		

TEST DATA	
BRUSHLESS MOTOR IFM 20 - Torque	80 Nm
MOTOR - MAX. RPM	115
FAN BLADE NUMBER	6
DISTANCE FLOOR / FAN , m	4.0
DIST. FLOOR / ANEMOMETER , m	1

