



CATTLE FARMS

MOTORE BRUSHLESS - BIG FAN dia:5.....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 7.5 mt.	Under the fan	Radius 5 mt.	Radius 7.5 mt.			
35	0.054	1.20	0.94	0.85	84824	66411	60052			
45	0.090	1.54	1.40	0.96	108856	98960	67860			
55	0.184	1.85	1.55	1.10	130770	109368	77616			
60	0.220	2.16	1.69	1.25	152682	119246	88200			
70	0.370	2.43	2.11	1.52	171767	148881	107251			
80	0.560	2.74	2.3	1.63	193680	162288	115012			
90	0.910	3.08	2.5	1.94	217715	176400	136886	56 +/-2		

TEST DATA	
BRUSHLESS MOTOR IFM 20 - Torque	40 Nm
MOTOR - MAX. RPM	360
FAN BLADE NUMBER	6
DISTANCE FLOOR / FAN , m	4.0
DIST. FLOOR / ANEMOMETER , m	1

