



CATTLE FARMS

MOTORE BRUSHLESS - BIG FAN dia:4.....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	0.021	0.77	0.70	0.52	34832	31665	23523			
45	0.043	0.98	0.83	0.66	44784	37546	29856			
55	0.083	1.18	0.86	0.77	53379	38885	34816			
65	0.145	1.38	0.97	0.90	62427	43860	40694			
70	0.180	1.56	1.22	1.02	70569	55190	46120			
80	0.280	1.75	1.62	1.45	79166	73285	65563			
90	0.400	1.97	1.85	1.75	89119	83690	79128	55 +/-2		

TEST DATA

BRUSHLESS MOTOR IFM 10 - Torque	40 Nm
MOTOR - MAX. RPM	360
FAN BLADE NUMBER	5
DISTANCE FLOOR / FAN , m	4.0
DIST. FLOOR / ANEMOMETER , m	1

