

Bellmouth Fan - KIBJ Series

KIBJ 355, 500 and 630

The compact bell mouth fan is suitable for installation on the ceiling of greenhouses and agricultural farms to provide air movement and induction.

APPLICATIONS



GREENHOUSES



SWINE FARMS



COW FARMS



CORRALS



FEATURES:

- Compact short housing made of galvanized sheet steel construction.
- Aerodynamic profiled blades impeller is made of galvanized sheet steel to generate a high flow rate.
- Inlet and Outlet protection net to avoid foreign items entering the fan.
- Direct coupling with single-phase AC motor.
- Motor over Impeller.

TECHNICAL CHARACTERISTICS

Model	Speed (RPM)	Installed power (kW)	Voltage (V)	Hz	Max.Current (A)	Flow (CMH/CFM)	Thrust (N)	Sound Power Lw (A) (dB(A))	Sound Pressure Lp (A) (dB(A))**
KIBJ355	1440	0.07	230	50	0.777	2491/1466	5.80	72	51
KIBJ500	1340	0.245	230	50	1.9	5796/3411	15.84	79	58
KIBJ630	1330	0.35	230	50	2.623	9715/5718	28.01	88	67

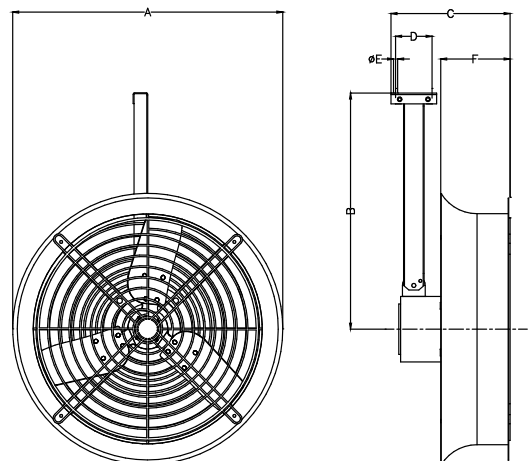
** Inlet Lp(A) sound pressure levels at 3 m are measured at free discharge in spherical free field condition.

- Values shown are for inlet Lwi(A) sound power levels for installation type A: free inlet, free outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

- Performance shown is for installation type A - Free inlet, Free outlet. Performance ratings include the effects of inlet grille and backdraft damper. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

DIMENSIONS

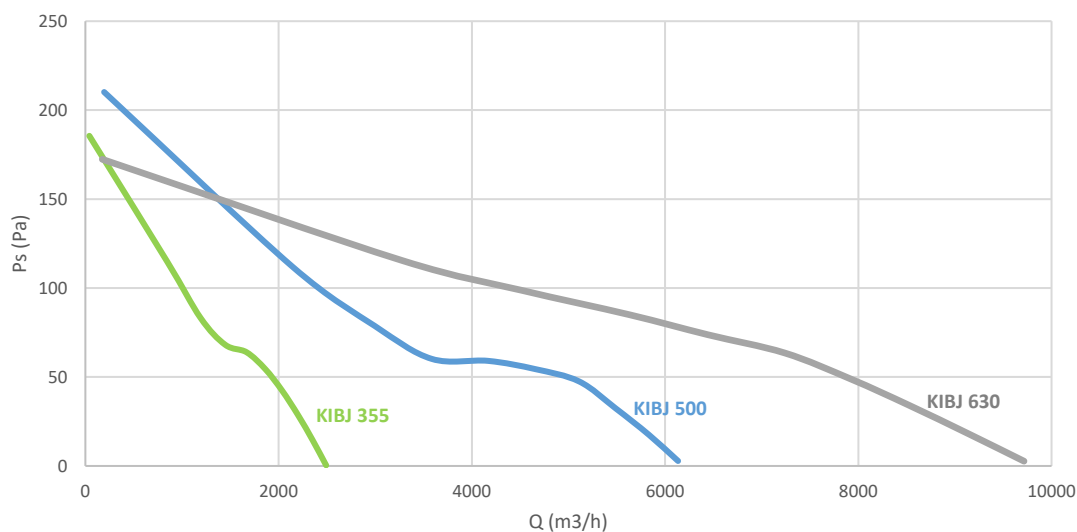
	KIBJ355	KIBJ500	KIBJ630
A	455	592	720
B	442	516	589
C	252	261	256
D	80	80	80
ΦE	9	9	9
F	152	152	147
Weight (kg)	9	15	18



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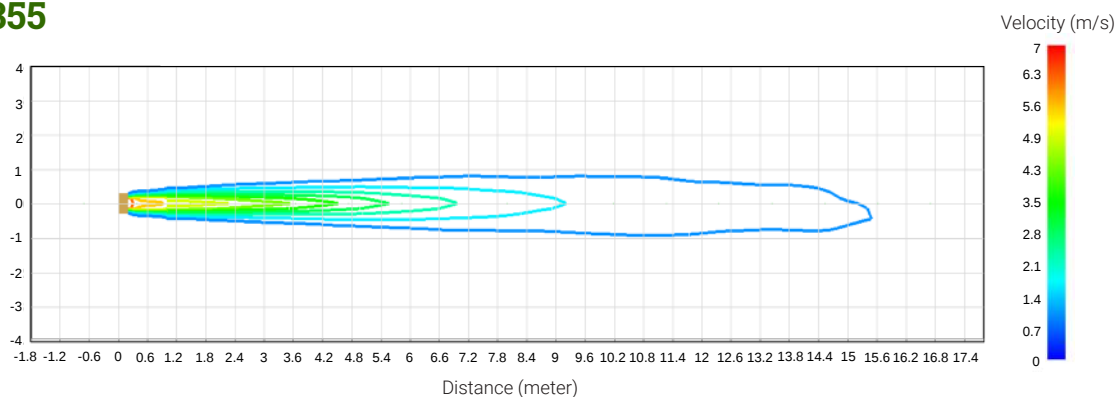
CHARACTERISTIC CURVES

Fan Curve

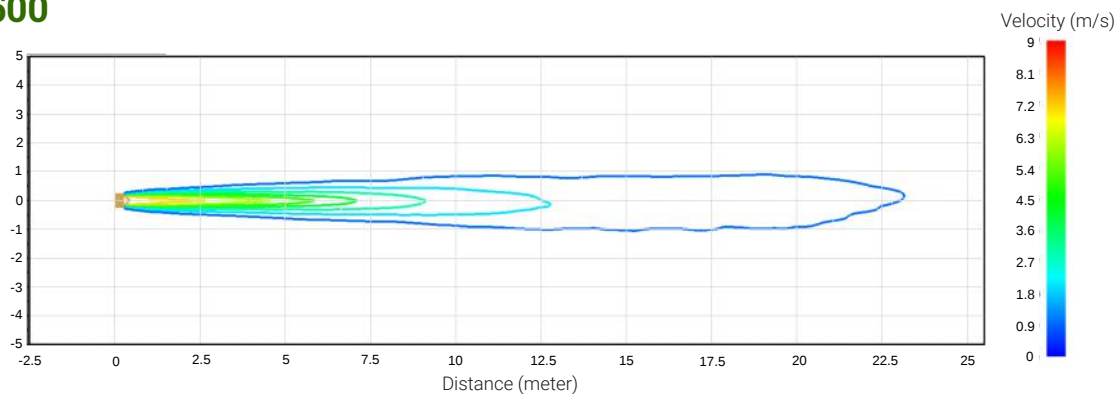


Velocity Profile

KIBJ355



KIBJ500



KIBJ630

