

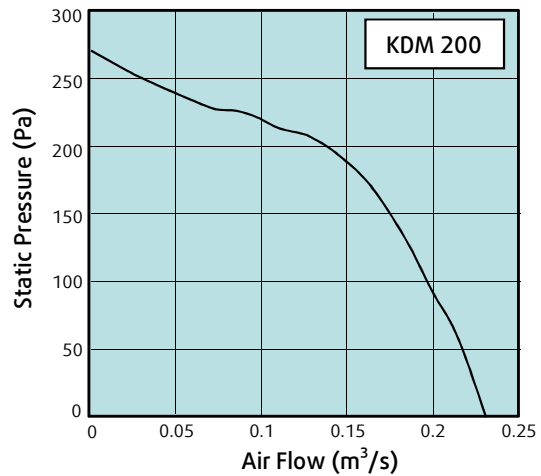
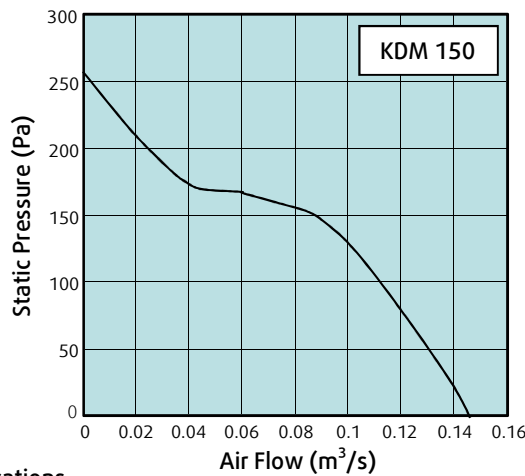
KDM FAN (In-line Mixed Flow Fan)

Features

- Integral mixed flow impeller design.
- Popular sizes : 150 & 200mm.
- Air volume flowrate up to 850m³/h.
- Static pressure up to 250 Pa.
- IP44 – Splash proof.
- Suitable for operating temperature up to 60°C.
- Motor are double insulated with built-in thermal overload protection.
- Sealed for life bearings to operate at any angles.
- Lower noise levels.



Performance Curves



Specifications

Model	V/Ph/Hz	Max. Motor Input Watts	Airflow (m ³ /s)	Speed (RPM)	Diameter (mm)	Capacitor	Sound Level (dBA @ 3m)	Current (A)
KDM 150	220 / 1 / 50	50	0.146	2404	150	1.5µF	57	0.36
KDM 200	220 / 1 / 50	106	0.231	2246	200	3µF	57	0.44

- Performance certified is for installation type D – Ducted inlet, Ducted outlet.
- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
- Performance ratings do not include the effects of appurtenances (accessories).
- Sound level (dBA@3m) are not licensed by AMCA International.

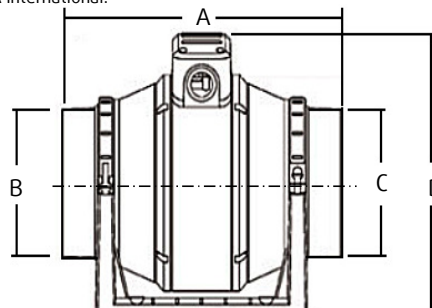
Following is the inlet Lwi sound power levels (dB) in eight octave bands at maximum airflow (0Pa)

Model	63	125	250	500	1k	2k	4k	8k
KDM 150	77	74	75	73	68	66	59	53
KDM 200	75	74	72	74	66	68	62	54

Dimensions

In metric

Model	A	B	C	D
KDM 150	306	146	146	247
KDM 200	295	195	195	280



- The sound power level ratings shown are in decibels, referred to 10 – 12 watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D : ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



Systemair Sdn Bhd certifies that the KDM Mixed Flow Fan shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.