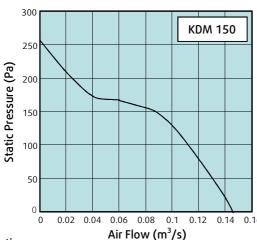


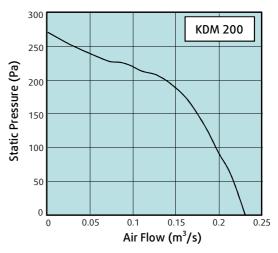
KDM FAN (In-line Mixed Flow Fan)

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 (m³/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 | ЗμF | 57 | 0.44 |

C D

- $\bullet \ \mathsf{Performance} \ \mathsf{certified} \ \mathsf{is} \ \mathsf{for} \ \mathsf{installation} \ \mathsf{type} \ \mathsf{D} \ \mathsf{-} \ \mathsf{Ducted} \ \mathsf{inlet}, \mathsf{Ducted} \ \mathsf{outlet}.$
- 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.

| 300.10 1010. (0 | | , 0.0 | | <i>b</i> , , <i>c</i> , | | <u> </u> | | - A — | | |
|-----------------|-----|-----------|-----|-------------------------|-----|----------|------|-------|----|----------|
| Dimensions | | In metric | | | | | | | | |
| Model | А | В | С | D | _ | l mð | 1 | | | - |
| KDM 150 | 306 | 146 | 146 | 247 | B - | | | | | <u> </u> |
| KDM 200 | 295 | 195 | 195 | 280 | L | Щ | P | | | 1 |
| | | | | | | - 11 | I VU | | 11 | 1 |

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 |

 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.

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