**R4E310-AP11-01/AF04**

# AC centrifugal fan

backward curved, single inlet

## Nominal data

| Motor | M4E074-DF | | |
|---|---|---|---|
| Phase | | 1~ | 1~ |
| Nominal voltage | [V] | 230 | 230 |
| Frequency | [Hz] | 50 | 60 |
| Type of data definition | | rfa | rfa |
| Speed | [min$^{-1}$] | 1390 | 1580 |
| Power input | [W] | 115 | 160 |
| Current draw | [A] | 0.52 | 0.70 |
| Motor capacitor | [µF] | 4 | 4 |
| Capacitor voltage | [VDB] | 400 | 400 |
| Max. ambient temperature | [°C] | 45 | 30 |
| Noise | dB(A) | 61 | 64 |

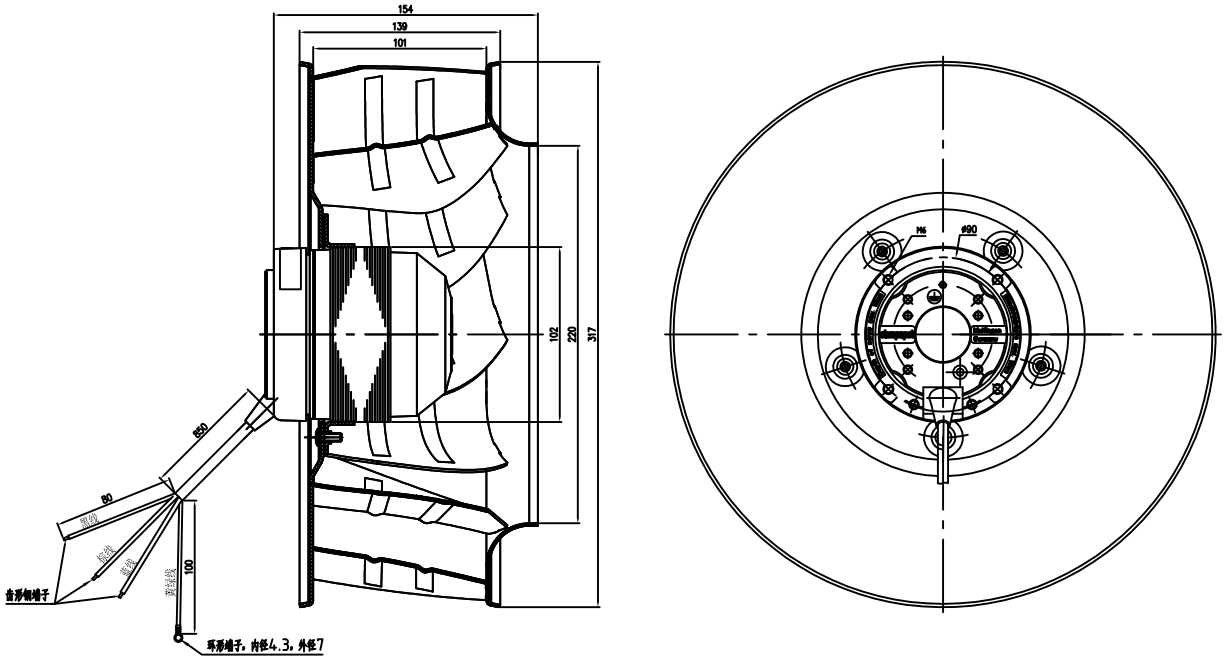
## Technical features

| | |
|---|---|
| **Leackage current** | < 0.75 mA |
| **Size** | 310 mm |
| **Operation mode** | S1 |
| **Direction of rotation** | Clockwise, seen on rotor |
| **Mounting position** | Shaft horizontal or rotor on bottom; rotor on top on request |
| **Insulation class** | "F" |
| **Cable exit** | Variable |
| **Bearing motor** | Ball bearing |
| **Mass** | 3.8 kg |
| **Number of blades** | 6 |
| **Type of protection** | IP 44; Depending on installation and position as per EN 60034-5 |
| **Protection class** | I |
| **Max. permissible ambient motor temp. (transp./ storage)** | + 80 °C |
| **Min. permissible ambient motor temp. (transp./storage)** | - 40 °C |
| **Approval** | CCC |

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## Product drawing






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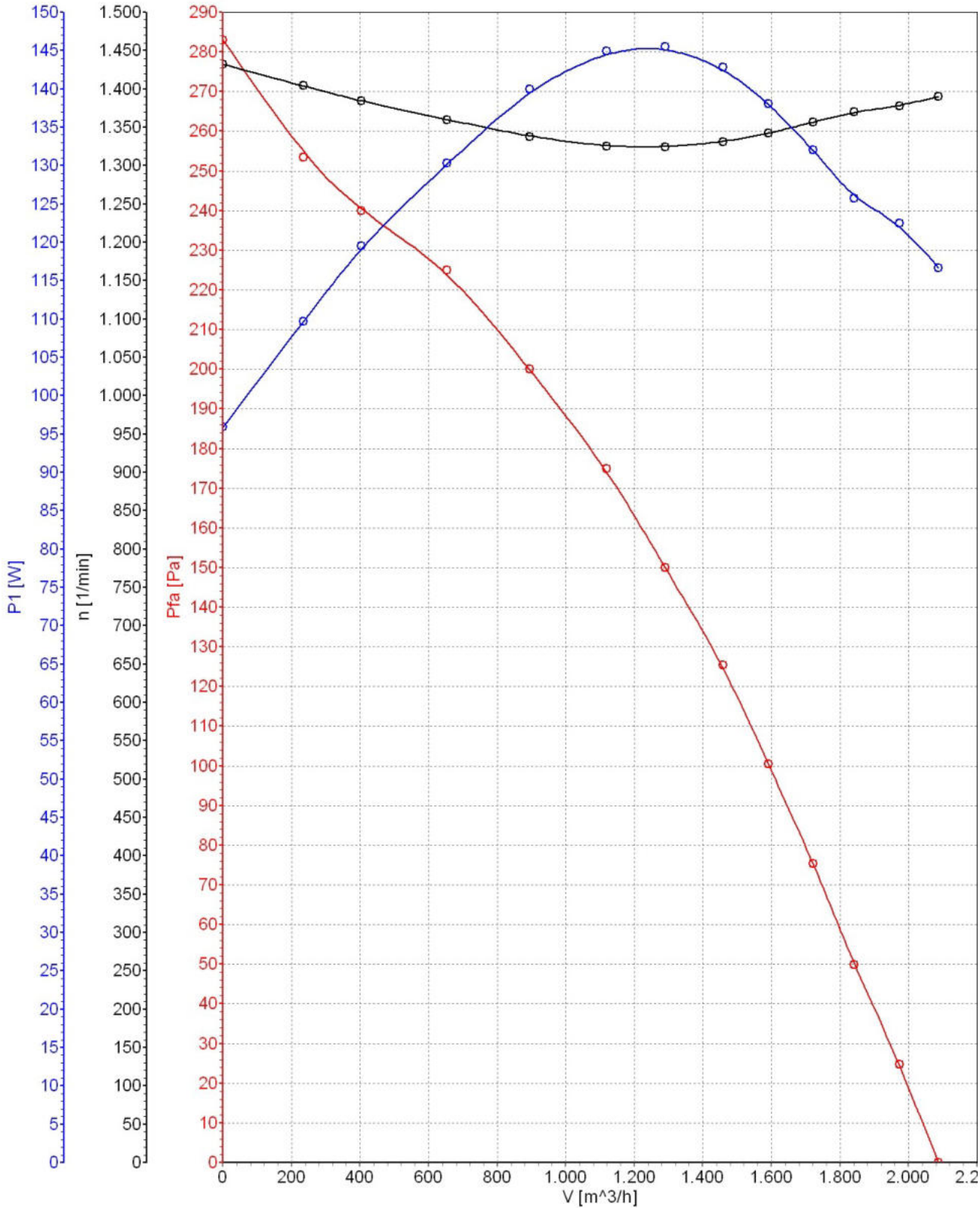
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Performance testing of fans

Installationskategorie A nach ISO 5801, DIN 24163, DIN EN ISO 5167-1

| IdNo | Type | M-No. | U[V] | F[Hz] | C[uF] | Sample | Level | Linetype | Remark |
|---|---|---|---|---|---|---|---|---|---|
| 53848 | R4E310AP1101/4F04 | 0402 | 230 | 50 | 4 | | | | |






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