ebm-papst Mulfingen GmbH & Co. KG

|  |  |
| --- | --- |
| S4E315-AP18-30 | AC 9xial f3n with guard grillefor short nozzle |
|  |  |



Bachmiihle 2

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Nominal data

Type S4E315-AP18-30

Motor M4E068-DF

|  |  |  |  |
| --- | --- | --- | --- |
| Phase |  | 1~ | 1~ |
| Nominal voltage | (V) | 230 | 230 |
| Frequency | [Hz] | 50 | 60 |
| Type of data definition |  | rfa | rfa |
| Valid for approval / standard |  | CE | CE |
| Speed | [min-1] | 1410 | 1650 |
| Power input | m | 102 | 120 |
| Current draw | [A] | 0,52 | 0.53 |
| Motor capacitor | [MF] | 4 | 4 |
| Capacitor voltage | [VDB] | 400 | 400 |
| Max. back pressure | [Pa] | 120 | 120 |
| Max. ambient temperature | [°C] | 55 | 55 |
| Air flow | [m3/h] | 2440 | 2840 |
| Back pressure | [Pa] | 0 | 0 |
| Sound pressure level | [dB(A)] | 59 | 64 |

ml = max. load • me = max. efficiency • rfa = running at free air • cs = customer specs • cu = customer unit

Subject to alterations

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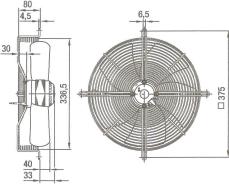
AC axial fan with guard grille for short nozzle

S4E315-AP18-30

Technical features

|  |  |
| --- | --- |
| Size | 315 mm |
| Operation mode  Direction of rotation  Direction of air flow  Insulation class  Cable exit  Bearing motor  Mass  Material of electronics housing  Material of impeller  Motor protection  Product conforming to standard | Continuous operation (S1)  Counter-clockwise, seen on rotor  "V"  "B"  Axial  Ball bearing  2.4 kg  Rotor: Coated in black  Sheet steel, coated in black  Thermal overload protector (TOP) wired internally  CE |
| Number of blades  Type of protection  Protection class | 5  IP 44 - depending on position  I |
| Approval | CCC; GOST |

|  |  |
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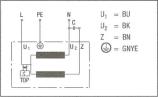


**Product drawing**

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| --- | --- |
| S4E315-AP18-30 | AC axial fan with guard grille for short nozzle |
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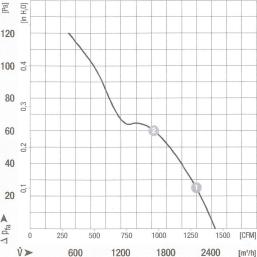


**Connection screen**

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| --- | --- |
| S4E315-AP18-30 | AC axial fan with guard grille for short nozzle |
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**Charts: Airflow 50 Hz**

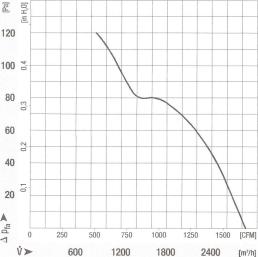
Measured values

|  |  |  |  |
| --- | --- | --- | --- |
|  | n | Pf | 1 |
|  | [min-1] | [W] | [A] |
| 1 | 1400 | 108 | 0.54 |
| 2 | 1380 | 120 | 0.57 |

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|  |  |
| --- | --- |
| S4E315-AP18-30 | AC axial fan with guard grille for short nozzle |
|  |  |



**Charts: Airflow 60 Hz**

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