

## Product datasheet

### Characteristics

### ZF-INHDEX12

12 Inch Heavy Duty Metal Exhaust Fan



#### Main

|                  |                        |
|------------------|------------------------|
| Range of Product | Metal Exhaust Fan      |
| Blade Sweep      | 12 inch (300mm)        |
| Type             | Exhaust Fan            |
| Input Voltage    | 230 Volts, AC, 1 phase |
| Frequency        | 50HZ                   |
| Power            | 90 W                   |
| Blade            | 4 CRCA MS Blade        |
| RPM              | 1400 rpm               |
| Motor            | %100 Full copper wire  |
| Speed            | Single                 |

#### Complementary

|                     |                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Fan Motor           | Permanent Capacitor Single Phase Induction Motor                                                                                   |
| Capacitor Rating    | 2.0 MFD. 440V,50Hz.                                                                                                                |
| Rated Power Input   | 90 Watts                                                                                                                           |
| Rated Speed         | 1400 rpm                                                                                                                           |
| Rated air Delivery  | 1710 M3 /hr                                                                                                                        |
| Rated Service Value | 19 M3 /hr/watt                                                                                                                     |
| No. of Blades       | 4 CRCA MS Blade mounted on Al Die cast hub                                                                                         |
| Class on Insulation | Class"F" ( Temperature rise limited to class B Only )                                                                              |
| No. of Bearings     | Double Ball Bearing 6202ZZ V3C3                                                                                                    |
| Exhaust Fan Motor   | Totally Enclosed type capacitor start and run. AC Single Phase induction Motor                                                     |
| Starting Voltage    | Not Eceeding %85 of the rated Voltage                                                                                              |
| Temprature rise     | Shall Not exceed 70 Digree Centigrade over an ambient of 40 digree centigrade by Resistance method                                 |
| High Voltage        | Shall withstand 1.5KV, 50Hz A.C.between current carrying and non current carrying metal parts with out any flash over for one min. |
| Flash Test          | Subject to 1.5 KV for 1 Sec.                                                                                                       |
| Noice Level         | 64DbA                                                                                                                              |
| Cable               | 3 Core PVC insulated heavy duty cable                                                                                              |



Product of Zia Electric