



CBD-2525-6M 1/3/HE

Code: 1009162



Double inlet centrifugal fans with direct drive motors and forward curved impeller

Fan:

- Galvanised steel sheet casing.
- Forward curved impeller in galvanised sheet steel.
- Supplied with PSB support feet.

Motor:

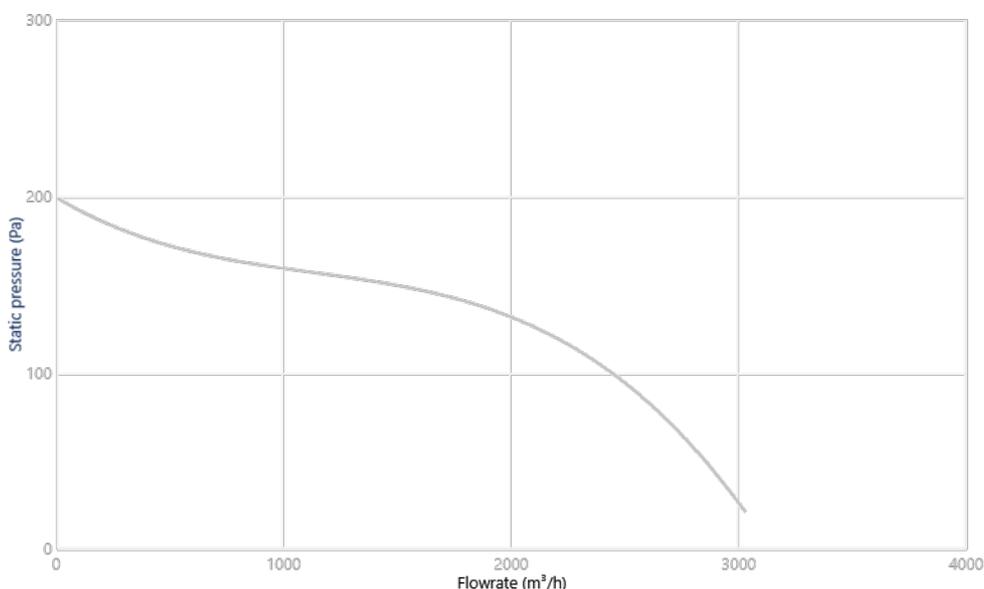
- High efficiency (HE) motors in compliance with ErP 2015.
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

- Galvanised steel sheet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

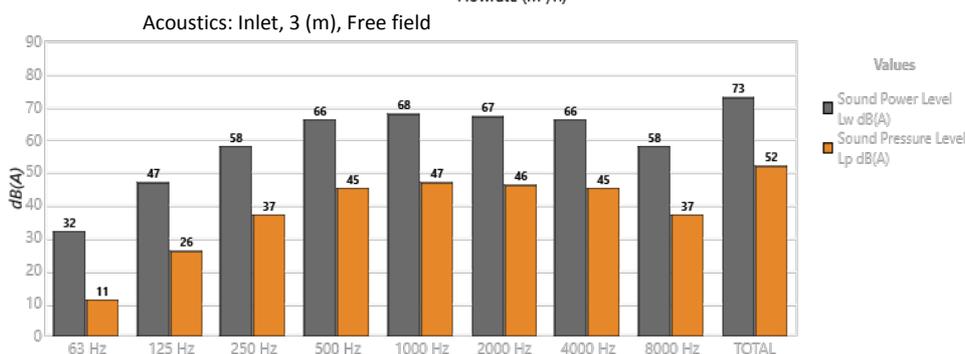


Design Point

| | |
|----------|--|
| Q (m³/h) | |
| Ps (Pa) | |

Service Point (SP)

| | |
|----------|---|
| Q (m³/h) | - |
| Ps (Pa) | - |
| Pd (Pa) | - |
| Pt (Pa) | - |



| Band | Lw dB(A) | Lp dB(A) |
|---------|----------|----------|
| 63 Hz | 32 | 11 |
| 125 Hz | 47 | 26 |
| 250 Hz | 58 | 37 |
| 500 Hz | 66 | 45 |
| 1000 Hz | 68 | 47 |
| 2000 Hz | 67 | 46 |
| 4000 Hz | 66 | 45 |
| 8000 Hz | 58 | 37 |
| TOTAL | 73 | 52 |

TECHNICAL CHARACTERISTICS

| | |
|------------------------------|-------|
| Airflow maximum (m³/h) | 3030 |
| Speed (rpm) | 830 |
| Maximum static pressure (Pa) | 198.6 |
| Maximum total pressure (Pa) | 198.6 |





ERP

| | |
|------------------------------|--------|
| Efficiency | 33.9% |
| Efficiency grade N | 44.7 |
| Measurement category | A |
| Efficiency category | Static |
| Specific ratio | 1.00 |
| Flowrate (m ³ /h) | 1686 |

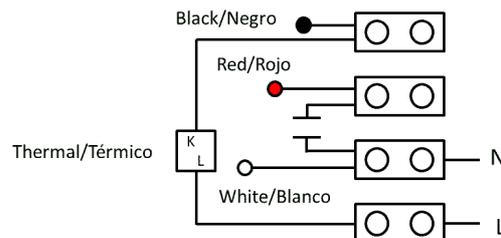
| | |
|----------------------|-------------------|
| Pressure (Pa) | 144 |
| Input power (kW) | 0.199 |
| Speed (rpm) | 964 |
| Variable speed drive | VSD not necessary |
| ErP compliance | 2015 |

♦ Data established at point of optimum efficiency

MOTOR DATA

| | |
|-----------------------------|------|
| Rated Mechanical Power (kW) | 0.25 |
| Hz/phases | 50/1 |
| Motor (rpm) | 830 |
| Poles | 6P |
| Max. current (A) 220-240 V | 2.2 |
| Motor frame size | 80 |

Data can change, please check motor plate



DIMENSIONS

| A | B1 | B2 | E | E1 | H | K | L | UxS | V | X | Z1 | Z |
|-----|-----|-----|-----|----|-----|-----|-----|------|-----|-----|----|-----|
| 380 | 400 | 218 | 183 | 78 | 182 | 300 | 263 | 9x16 | 275 | 328 | 57 | 357 |

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

| | |
|---------------------|------|
| Approx. weight (kg) | 12.7 |
|---------------------|------|

