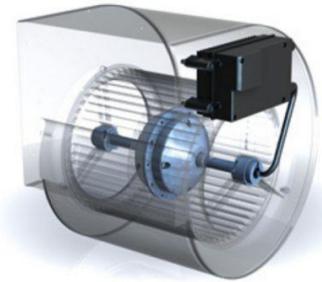


Specification of: DDMP 7/7 M6A0 DA5 230V-1F

High performance centrifugal fan DDMP

Double width, double inlet (DWDI), direct drive, forward curved blades fan. Lap-jointed scroll made of galvanized steel (EN 10142), assembled through a high-technology roller-locked seaming. Straight cut off plate at fan discharge. Impeller with forward curved blades of galvanized steel plate, directly mounted on a brushless, permanent magnets, external rotor motor, without transmission losses, dynamically balanced according to DIN ISO 21940-11. The driver is a separate unit, connected to the fan motor, to power supply and to the control system with quick-connection plugs, ready for operation, without further configuration. Driver directly installed on the scroll, and factory-configured, for a plug and play solution: no further configuration is needed. Continuous speed control of the Drive System by 0 ... 10 V analogue signal, or with Modbus RS485-compliant interface. The complete drive system is in protection class IP 54. Power supply 230V – 50/60 Hz. Air performance ratings according to AMCA 210-07 (Fig. 12) and ISO 5801 (Fig. 69 c and par. 30.2 f).

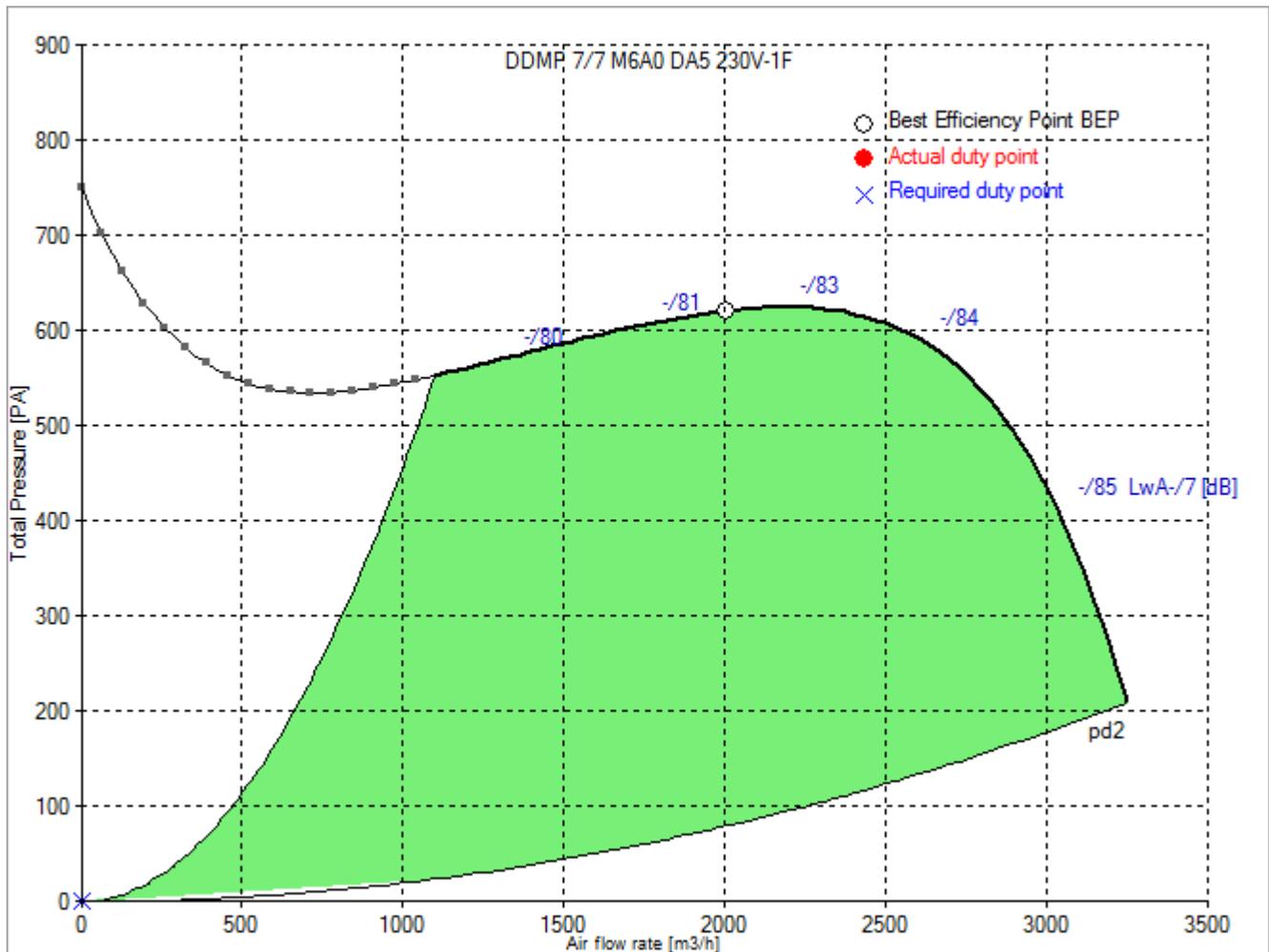


Technical data of the fan: DDMP 7/7 M6A0 DA5 230V-1F

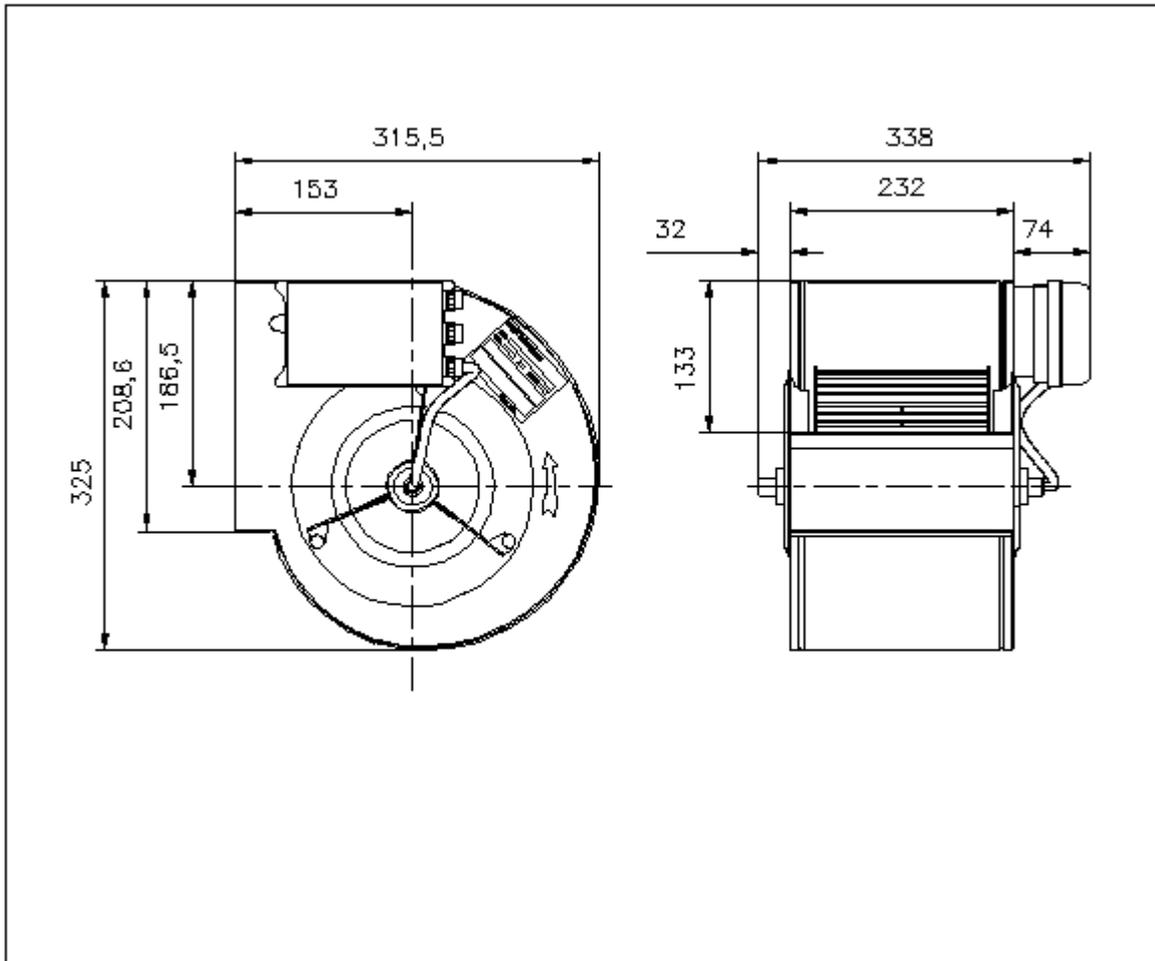
fulfills the ErP requirements 2015

| Description | Value Dimension |
|---|------------------------|
| Specified duty point | |
| Actual duty point | |
| Installation acc. DIN 24163 Part 1 | B |
| Reference density (Rho1) | 1.20 kg/m ³ |
| Medium temperature (t) | 20 C |
| Fan weight | 9 kg |
| <small>This duty point can only be reached by using an inverter/controller for motor speed control!</small> | |
| Rated data | |
| Phases-Voltage-Frequency | 1~230-50/60 V-Hz |
| Rated motor current (I _N) | N/A A |
| operational limits | |
| Max. absorbed power (P _{1max}) | 1.074 kW |
| Temperature range of conveying medium (t _{min} ... t _{max}) | -20...40 C |
| ErP-Data at best efficiency and density - kg/m³ | |
| measurement- / efficiency category | B / total |
| design status of VSD | VSD is integrated |
| overall efficiency (ETA _{opt}) | 53.2 % |
| achieved efficiency grade (N _{ist}) | 60.5 |
| required efficiency grade in 2013 / 2015 (N) | 42 / 49 |
| Air flow rate (V _{opt}) | 2007 m ³ /h |
| pressure rise (dp _{opt}) | 623 Pa |
| Fan speed (n _{vopt}) | 1998 min ⁻¹ |
| motor power input (P _{1opt}) | 0.652 kW |
| specific ratio (d _{dpopt}) | 1.006 |

Fan curve to DDMP 7/7 M6A0 DA5 230V-1F

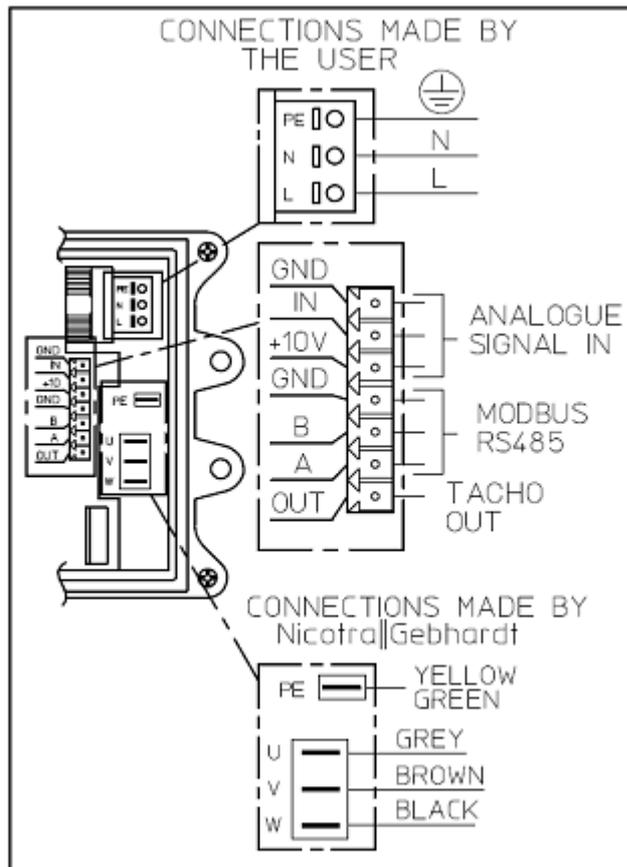


Dimensions to DDMP 7/7 M6A0 DA5 230V-1F



Rotation: RD
Handing: 90

Wiring diagram of the fan DDMP 7/7 M6A0 DA5 230V-1F



DDMP 1KW

28-11-2017 7W

Wiring diagram for connection to: [mains - VSD - motor](#)
 Rotation: [LG](#)