

KBR 355E4 Thermo fan

Article Number: 5980

Variant : 230V 1~ 50Hz



Description

- Max temperature of transported air 120°C
- Speed-controllable(except models 280D2 & 280D2-4)
- Integral thermal contacts
- Low sound level

The KBR fans have impellers manufactured from aluminum with backward-curved blades and external rotor motors. The KBR casing is manufactured from doubleskinned galvanised sheet steel and is insulated with 50 mm mineral wool.

The KBR fans have a swing-out door for easy inspection and service. The direction of the door opening can easily be changed from left to right at site. The fan is isolated from the casing via connectors and anti-vibration dampers are incorporated into the base frame.

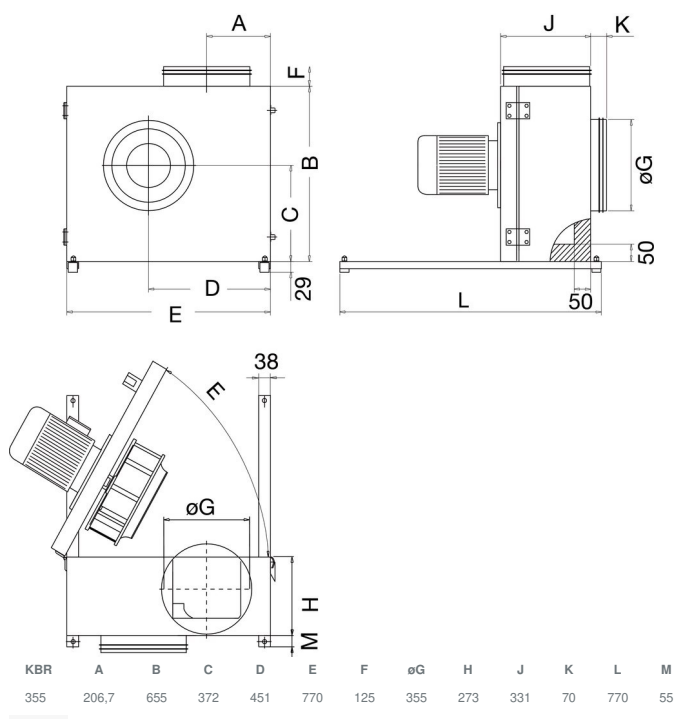
To protect the motors from...

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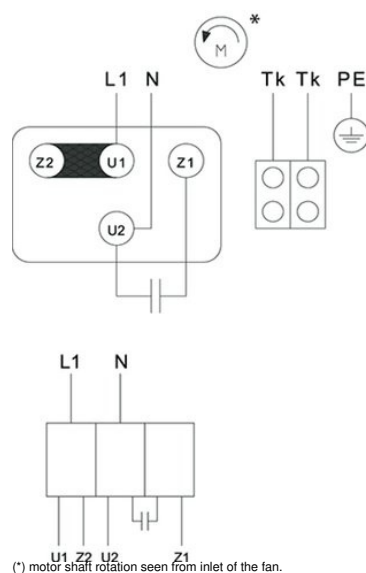
Technical parameters

Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Phase(s)	1~
Input power	438 W
Starting current	4.9 A
Input current	1.92 A
Impeller speed	1,338 rpm
Air flow	max 0.988 m³/s
Capacitance of capacitor	12 µF
Temperature of transported air	max 120 °C
Max temperature of transported air, when speed controlled	120 °C
Sound data	
Sound pressure level at 10m (free field)	33 dB(A)
Sound pressure level at 4m (free field)	41 dB(A)
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	F
Dimensions and weights	
Duct dimension; Circular, inlet	355 mm
Duct dimension; Circular, outlet	355 mm
Weight	66 kg
Others	
Duct connection type	Circular
Motor type	AC

Dimension

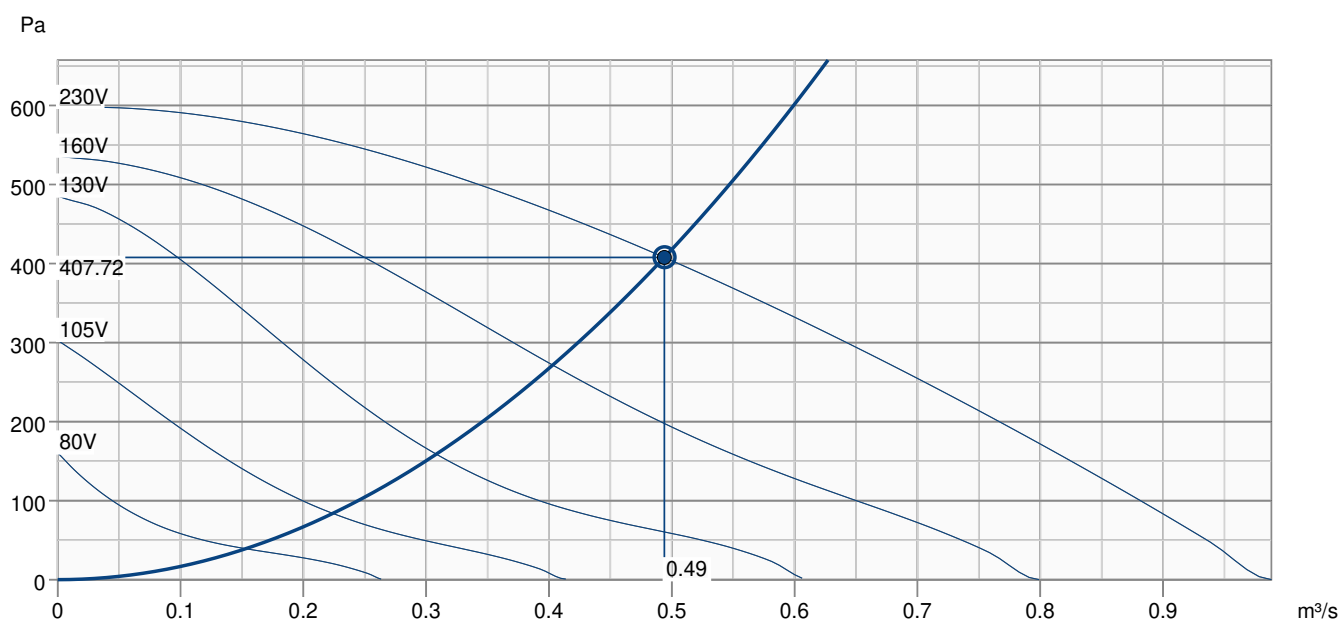


Wiring



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Performance curve



Hydraulic data	
Required air flow	0.49 m³/s
Required static pressure	408 Pa
Working air flow	0.49 m³/s
Working static pressure	408 Pa
Air density	1.204 kg/m³
Power	421.8 W
Fan control - RPM	1348 rpm
Current	1.80 A
SFP	0.854 kW/m³/s
Control voltage	230.0 V
Supply voltage	230 V

Accessories

ASF 355/KB Flex. connection (2719)	Motor protect. switch S-ET 10 (161199)
Motor protect. switch S-ET 10E (161205)	REU 3 Speed control (5005)
REV-3POL/03-7,5kW R/Y (33978)	REV-5POL/05-7,5kW R/Y (33979)
RTRE 3 Speed control (5009)	WSD KBR-1 Weather roof f.motor (2728)
CO2RT-R-D Transmitter (6993)	DTV500A (96807)
Presence detector/IR24-P (6995)	RT 0-30 Room Thermostat (5151)
ALS-KBR drain plug (2727)	WBK 315/355 Wall bracket (2721)

Documents

Installation, Operation and Maintenance instruction_001
UKCA DECLARATION OF CONFORMITY_THERMOFANS_EN_002.PDF