



Fläkt Woods Limited

Technical Data Sheet

JM Aerofoil

FläktGroup

Quotation Number : 01/22
Project Name Item : 14 Victoria Square, Whitefield, M45 6AL
Reference: : Extraction Data Sheet

Project Code : Whitefield 01/22
Customer : Mr Kubar Alom
Date : Tuesday Jan 18th 2022

Fan Code 45JM/16/4/5/30
Fan Diameter / Size 450 Size / mm
Blades 5
Installation Type / Form of Running C / B (Horizontal)
Fan Casing Long

Motor Frame BT9 [Class F]
Motor Rating 0.320 kW
Full Load Current 2.2 A
Starting Current 5 A
Motor Mounting Pad
Electrical Supply 220-240 Volts 50 Hz 1 Phase
Start Type DOL
Motor Winding Standard
Enclosure Standard All

ErP [FMEG] Rating N 43 (ErP Compliant)
ErP [FMEG] Target N 40
FMEG Blade Angle [Range] 24° [24° - 30°]
Measurement Category C (Static)
VSD N
Fan + Motor Efficiency 34.9% (0.97 m³/s @ 141 Pa)
Motor Input Power (ErP) 0.393 kW

Air Density 1.2 kg/m³ / 20 °C / 0 m / 40% RH
Smoke Venting Non Smoke Venting
Product Number EJ461466

Performance data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with ISO 5801 and is specifically applicable for Ducted installations. When an electronic controller is incorporated, enhanced motor noise can occur - particularly when the operating speed is well below maximum. FWL therefore recommend using an auto transformer speed controller for noise sensitive applications. Bifurcateds are Erp exempt when used continuously at >100C. They are not for use in the EEA at lower temperatures.

Acoustic data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with BS 848 Pt 2, 1985 / ISO 5136 under Ducted conditions. The LpA figure provided is the overall Inlet sound pressure level calculated at the specified distance, under spherical, free field conditions. Breakout levels stated are estimated from induct sound power levels and are provided for guidance.

Acoustic figures for adjusted running speeds have been interpolated and are for reference only.

This Offer is made subject to the latest version of our A100-19 Terms and Conditions, a copy of which can be made available on request. Our lead times will be re-confirmed on receipt of manufacturing release and may be subject to change.

Description	Qty
Fan EJ461466 - 45JM/16/4/5/30	1
Accessories Thermostat	1
Estimated Despatch : 2 Days	
Optional Controllers & Sensors  EEDS (Switched - Electronic) [EA900103]	Optional Accessories  Mounting Feet [897723]  Rubber AV Mounts [AS035471]  Matching Flange [501353]  Flexible Connector [414868]

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Email: ant@nfan.co.uk
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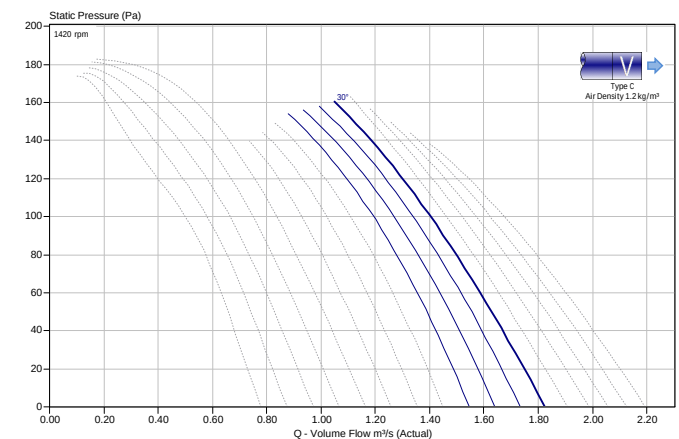
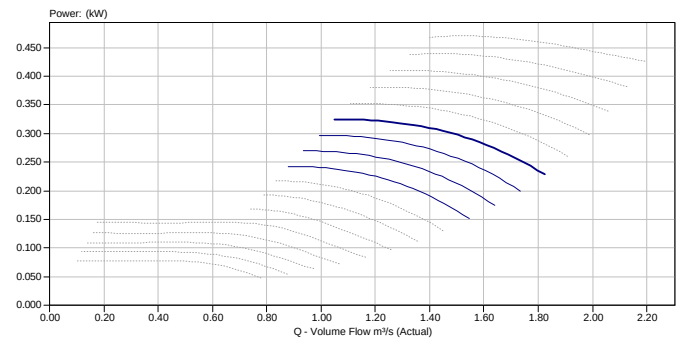
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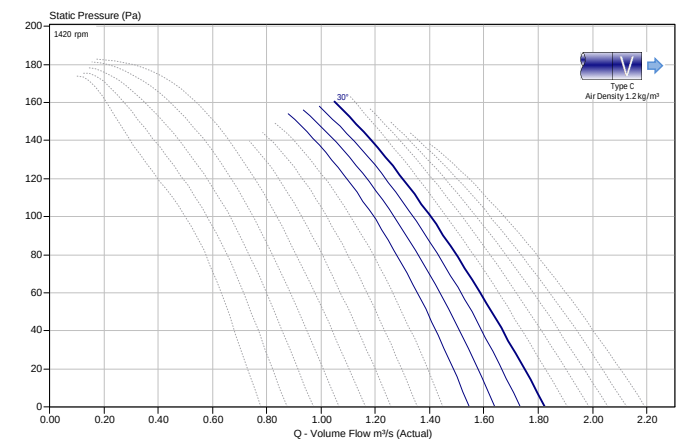
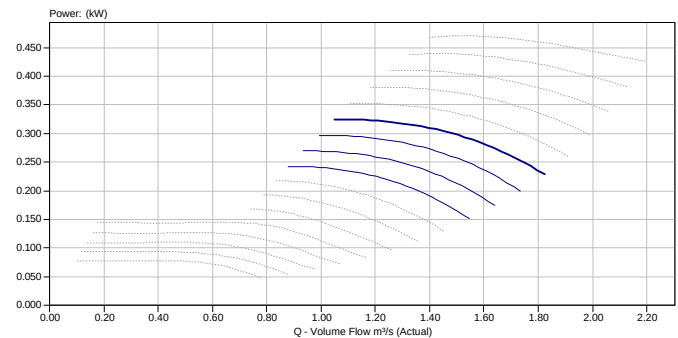
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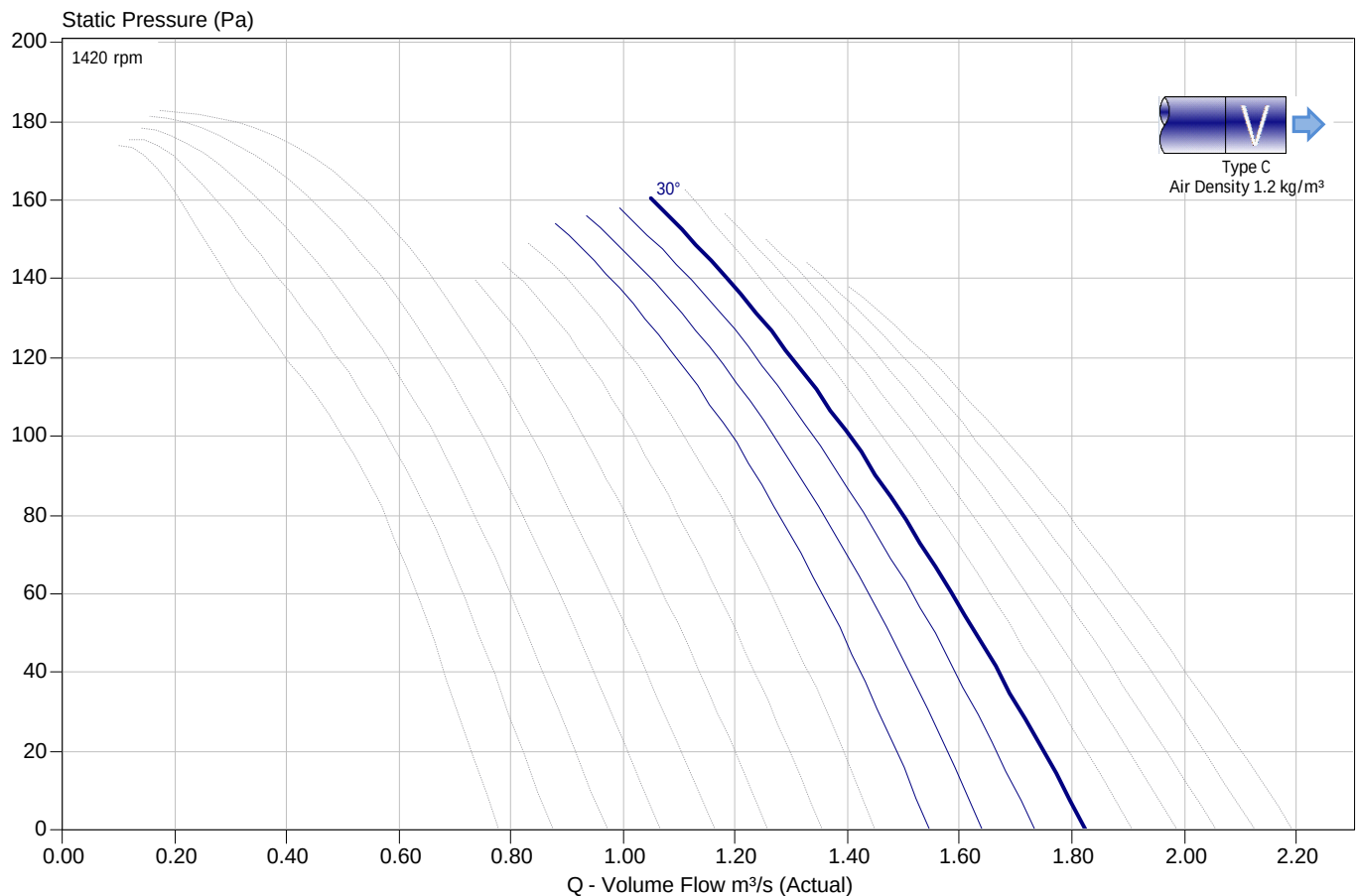
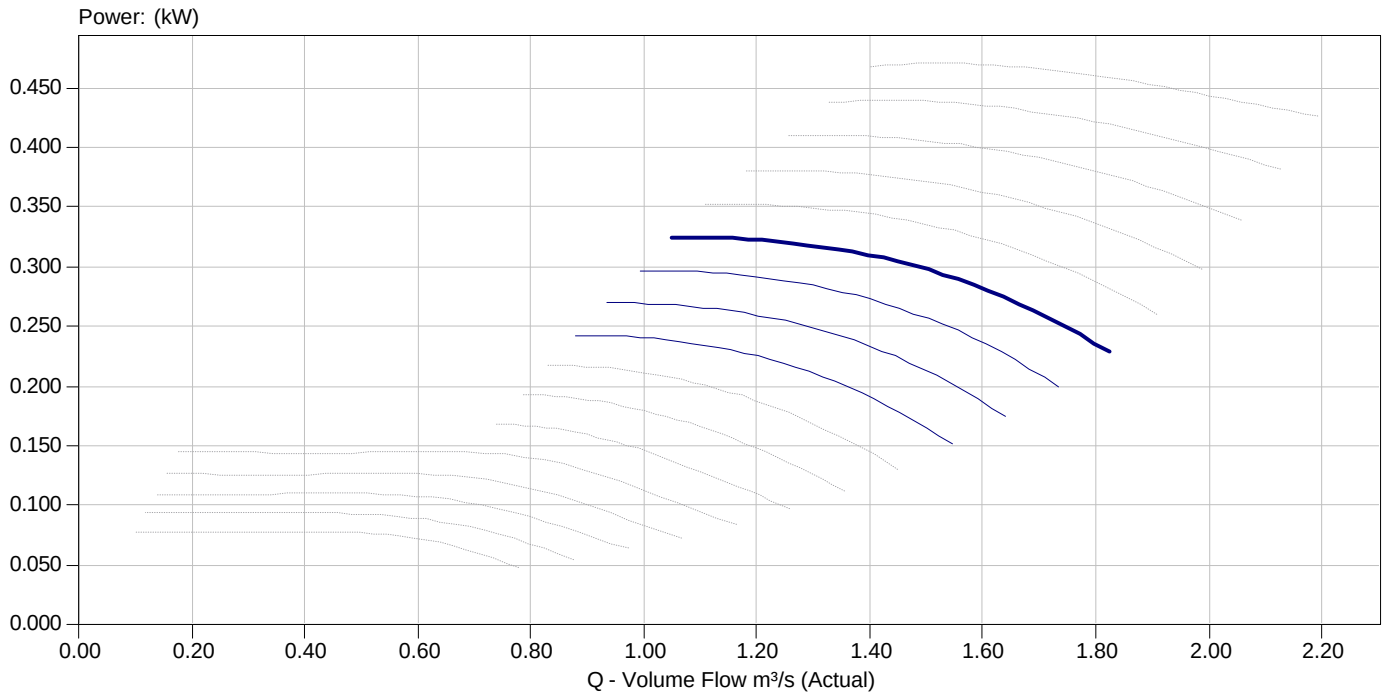
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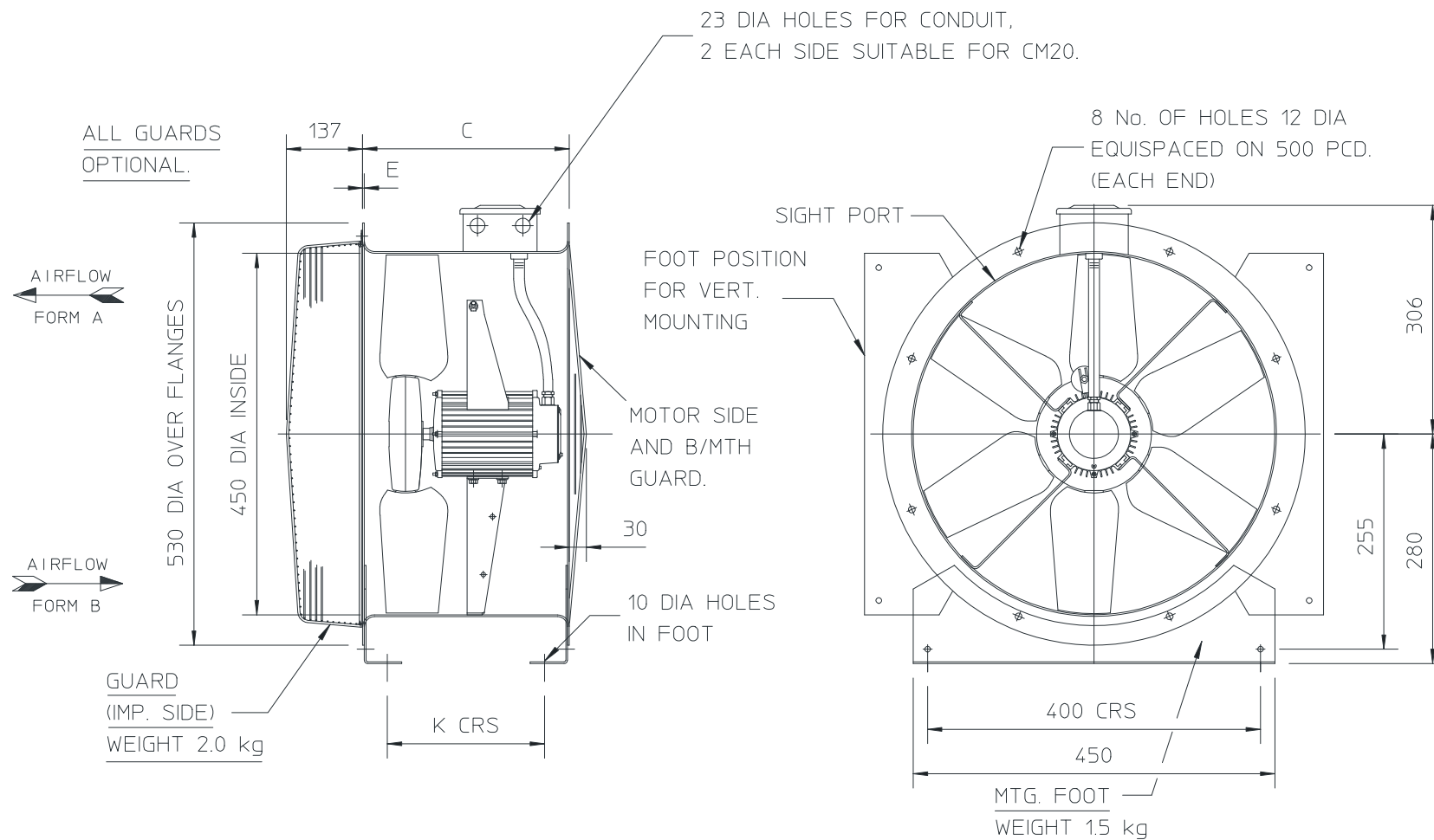
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C (3Ph / 1Ph)	375 / 330
E	2.5
K (3Ph / 1Ph)	289 / 245
Weight (kg)	26

Notes : Dimensions shown in mm / Weight in kg

Reference:D269015

This drawing shows dimensions that should be used as a guide only and are subject to change. Certified drawings are available on request.

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