Northern Fan Supplies Ltd
Technical Data Sheet
MaXfan Compac

FläktWoods

Quotation Number	:	Project Code	:
Project Name	:	Customer	:
Item Reference:	:	Date:	: Thursday, October 31, 2019

Fan Code	45 MaXfan Compac
Fan Diameter / Size	450 Size / mm
Installation Type / Form of Running	D / AB
Fan Casing	Long
Motor Frame	80 [Class F]
Motor Rating	1.32 kW [IE2]
Full Load Current	4.71 A
Starting Current	25.5 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 60 (ErP Compliant)
ErP [FMEG] Target	N 58
FMEG Blade Angle [Range]	0° [0° - 0°]
Measurement Category	D (Total)
VSD	N
Fan + Motor Efficiency	55.4% (1.67 m³/s @ 515 Pa)
Motor Input Power (ErP)	1.55 kW
Air Density	1.2 kg/m³ / 20 °C / 0 m / 40% RH
Smoke Venting	Non Smoke Venting
Product Number	EJ463266

Speed control by Inverter only

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.

The MaXfan Compac includes a preprogrammed inverter drive to operate via 1 phase supply, offering full speed control and optimised performance.

Acoustic data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with BS 848 Pt 2, 1985 / BS EN ISO 5136 under Ducted conditions. The single figure provided is the overall Inlet sound pressure level at the specified distance, under spherical, free field conditions.

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.

Description	Qty
Fan	
EJ463266 - 45 MaXfan Compac	1
Accessories	
Inverter	1
Thermistors	1

Optional Controllers & Sensors

Optional Accessories

Mounting Feet
[AS021105]

Matching Flange
[501353]

Rubber AV Mounts
[AS035471]

Flexible Connector
[AS040450]

Unit E1 Longford Trading Estate
Thomas Street, Stretford, M320JT
Tel: 01618641777 Fax: 01618642777

Website: http://www.nfan.co.uk/
Email: kylejr@nfan.co.uk
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Northern Fan Supplies Ltd
Combination Data Sheet
MaXfan Compac

Quotation Number	:	Project Code	:
Project Name	:	Customer	:
Item Reference:	:	Date:	: Thursday, October 31, 2019

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Motor Rating	1.32 kW [IE2]
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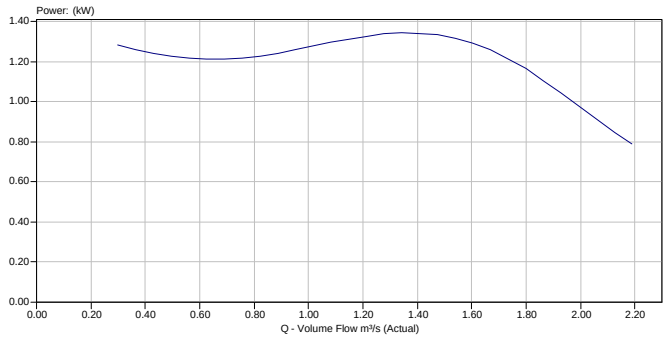
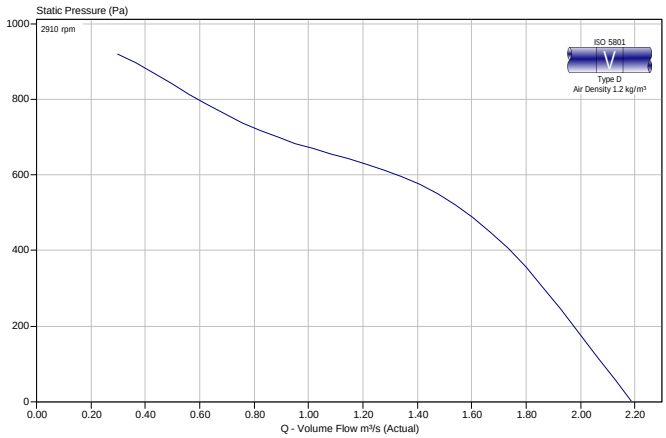
Starting Current	25.5 A
Motor Mounting	Pad
Electrical Supply	220-240 Volts 50 Hz 1 Phase
Start Type	DOL
Motor Winding	Standard
Enclosure	Standard All
ErP [FMEG] Rating	N 60 (ErP Compliant)
ErP [FMEG] Target	N 58
FMEG Blade Angle [Range]	0° [0° - 0°]
Measurement Category	D (Total)
VSD	N
Fan + Motor Efficiency	55.4% (1.67 m³/s @ 515 Pa)
Motor Input Power (ErP)	1.55 kW
Air Density	1.2 kg/m³ / 20 °C / 0 m / 40% RH
Smoke Venting	Non Smoke Venting
Product Number	EJ463266
	Speed control by Inverter only





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Description	Qty
Fan	
EJ463266 - 45 MaXfan Compac	1
Accessories	
Inverter	1
Thermistors	1

Optional Controllers & Sensors

Optional Accessories

Mounting Feet
[AS021105]

Matching Flange
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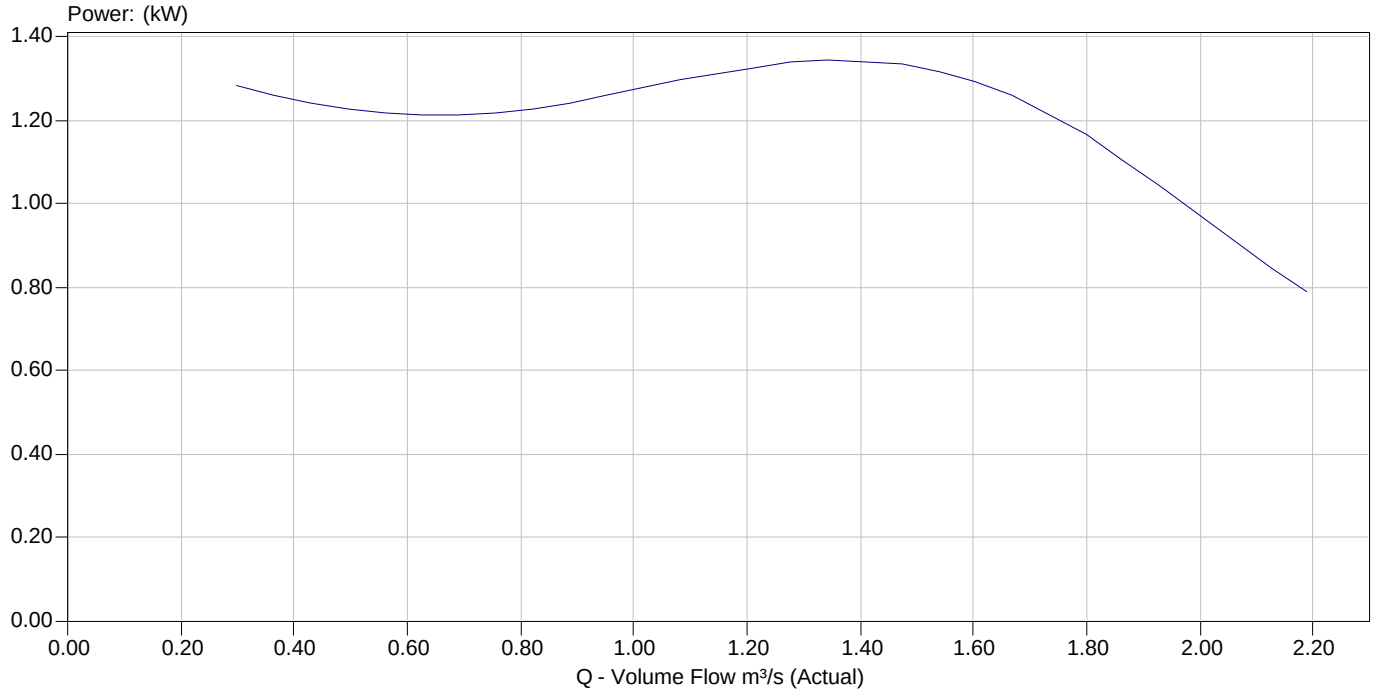
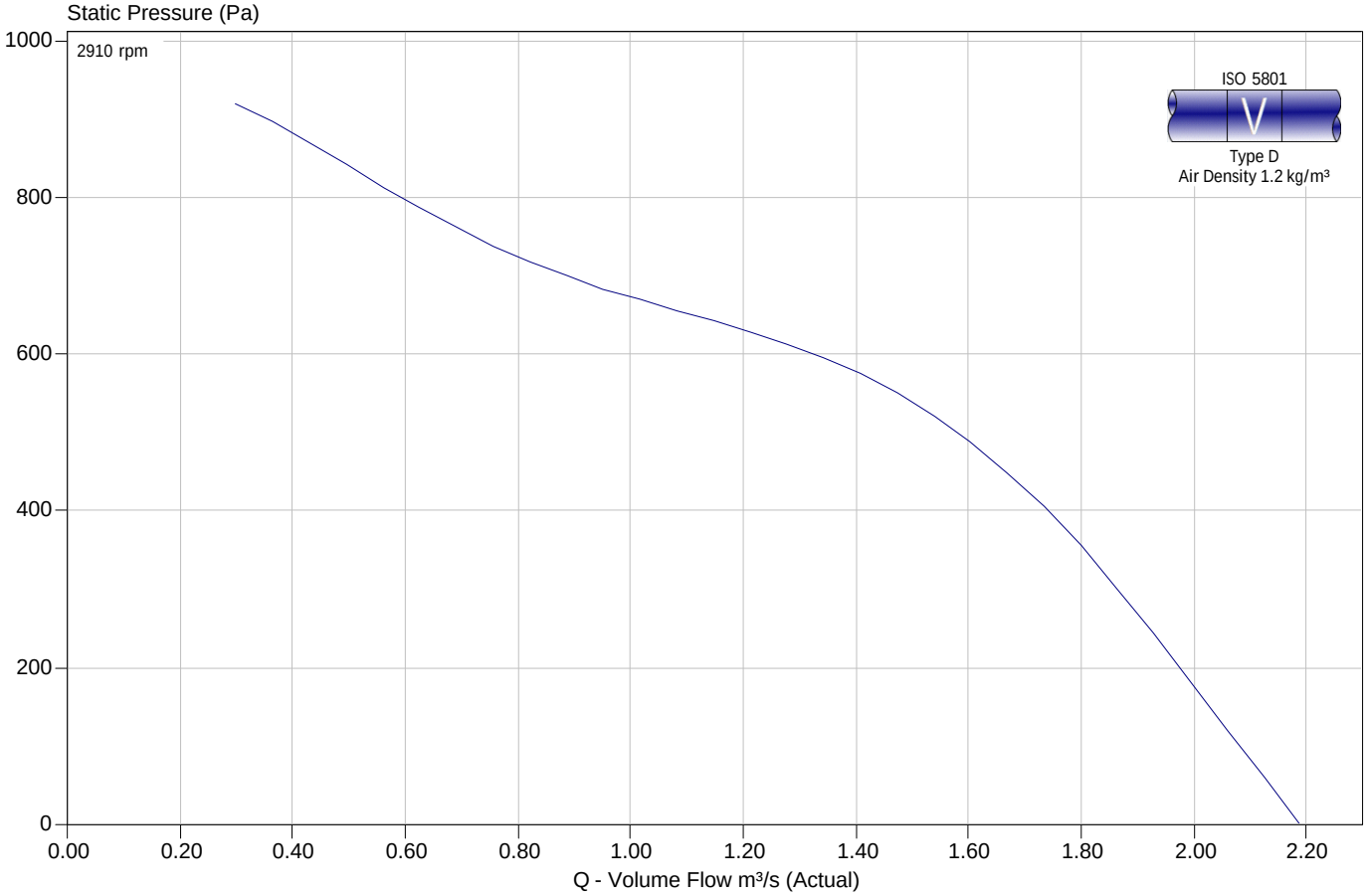
Northern Fan Supplies Ltd
Performance Chart
MaXfan Compac

Quotation Number	:	Project Code	:	
Project Name	:	Customer	:	
Item Reference:	:	Date:	:	Thursday, October 31, 2019
		Fan Code	:	45 MaXfan Compac





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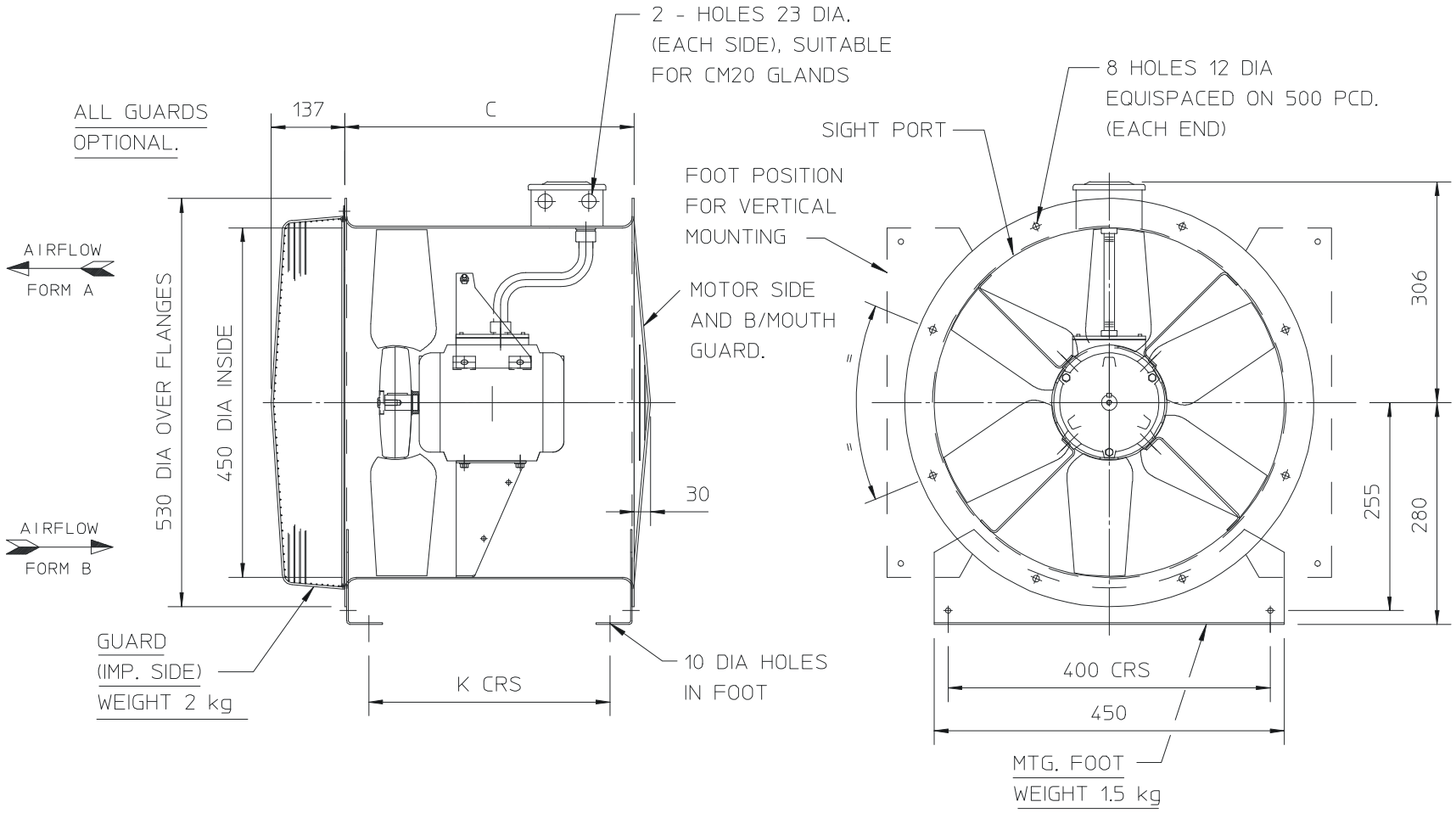
Northern Fan Supplies Ltd
Drawing and Dimensions
MaXfan Compac

FläktWoods

Quotation Number	:	Fan Code	: 45 MaXfan Compac
Project Name	:	Customer	:
Item Reference:	:	Date:	: Thursday, October 31, 2019

C	375
K	290
Weight (kg)	37



Notes : Dimensions shown in mm / Weight in kg

Reference:D275253

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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