



Northern Fan Supplies Ltd

Technical Data Sheet

MaXfan Compac



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 Thermistors	1 1
Optional Controllers & Sensors	
Optional Accessories	
 Mounting Feet [AS021105]	 Matching Flange [501353]
 Rubber AV Mounts [AS035471]	 Flexible Connector [AS040450]

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Combination Data Sheet

MaXfan Compac



Quotation Number :
Project Name :
Item Reference: :

Project Code :
Customer :
Date: : Thursday, October 31, 2019

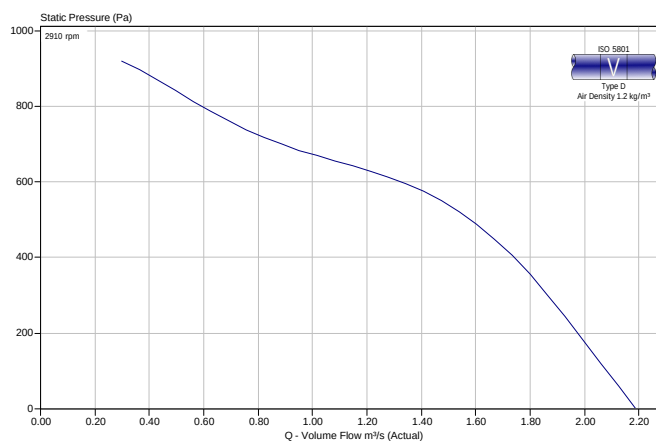
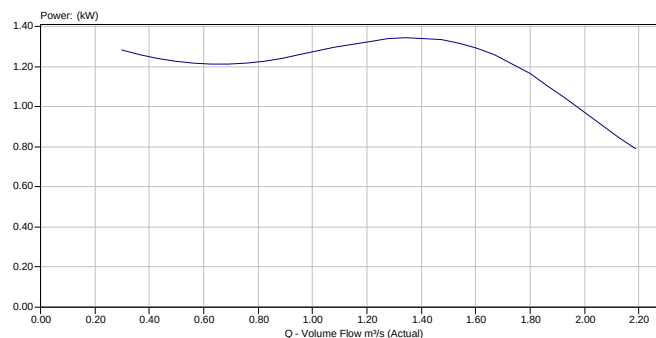
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Installation Type / Form of Running D / AB
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Motor Rating 1.32 kW [IE2]
Full Load Current 4.71 A
Starting Current 25.5 A
Motor Mounting Pad
Electrical Supply 220-240 Volts 50 Hz 1 Phase
Start Type 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



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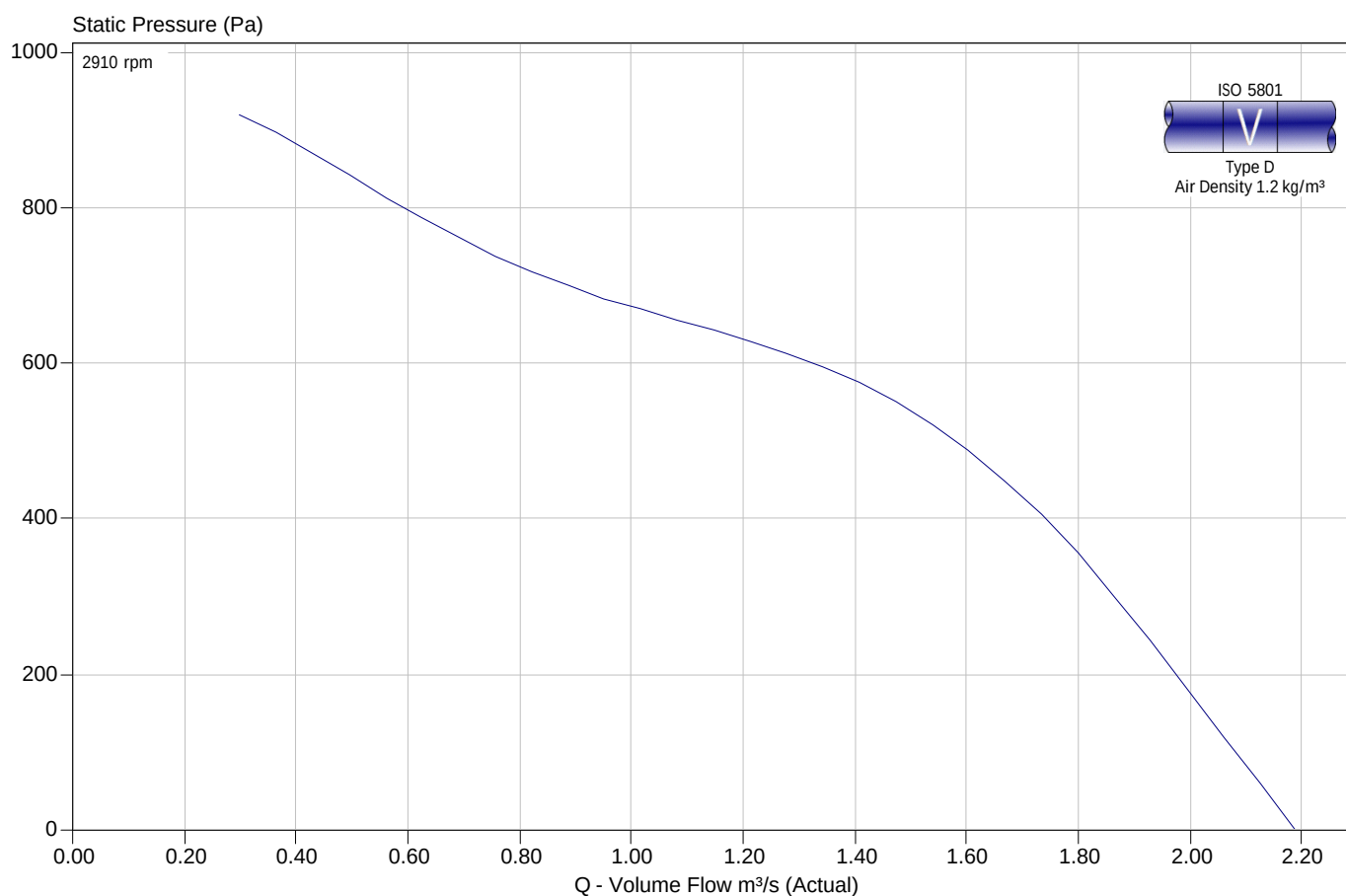
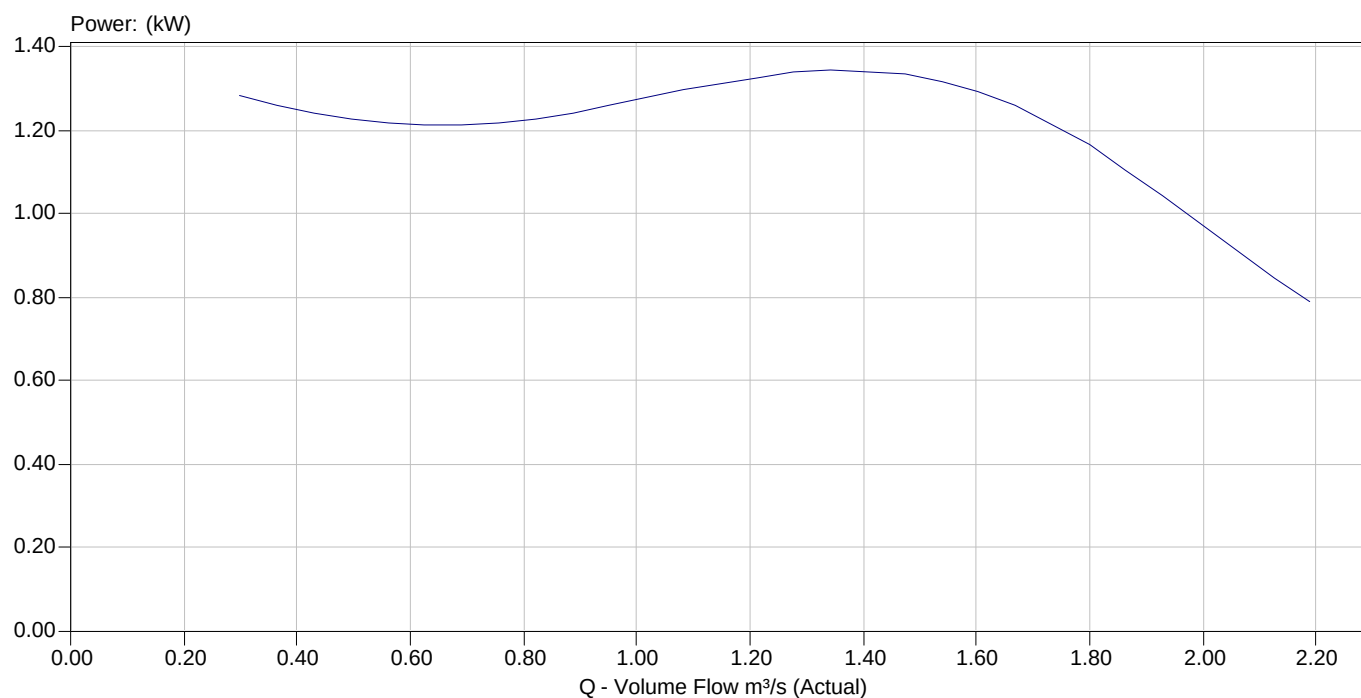
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Fan		
EJ463266 - 45 MaXfan Compac		1
Accessories		
Inverter		1
Thermistors		1
Optional Controllers & Sensors		
Optional Accessories		
	Mounting Feet [AS021105]	 Matching Flange [501353]
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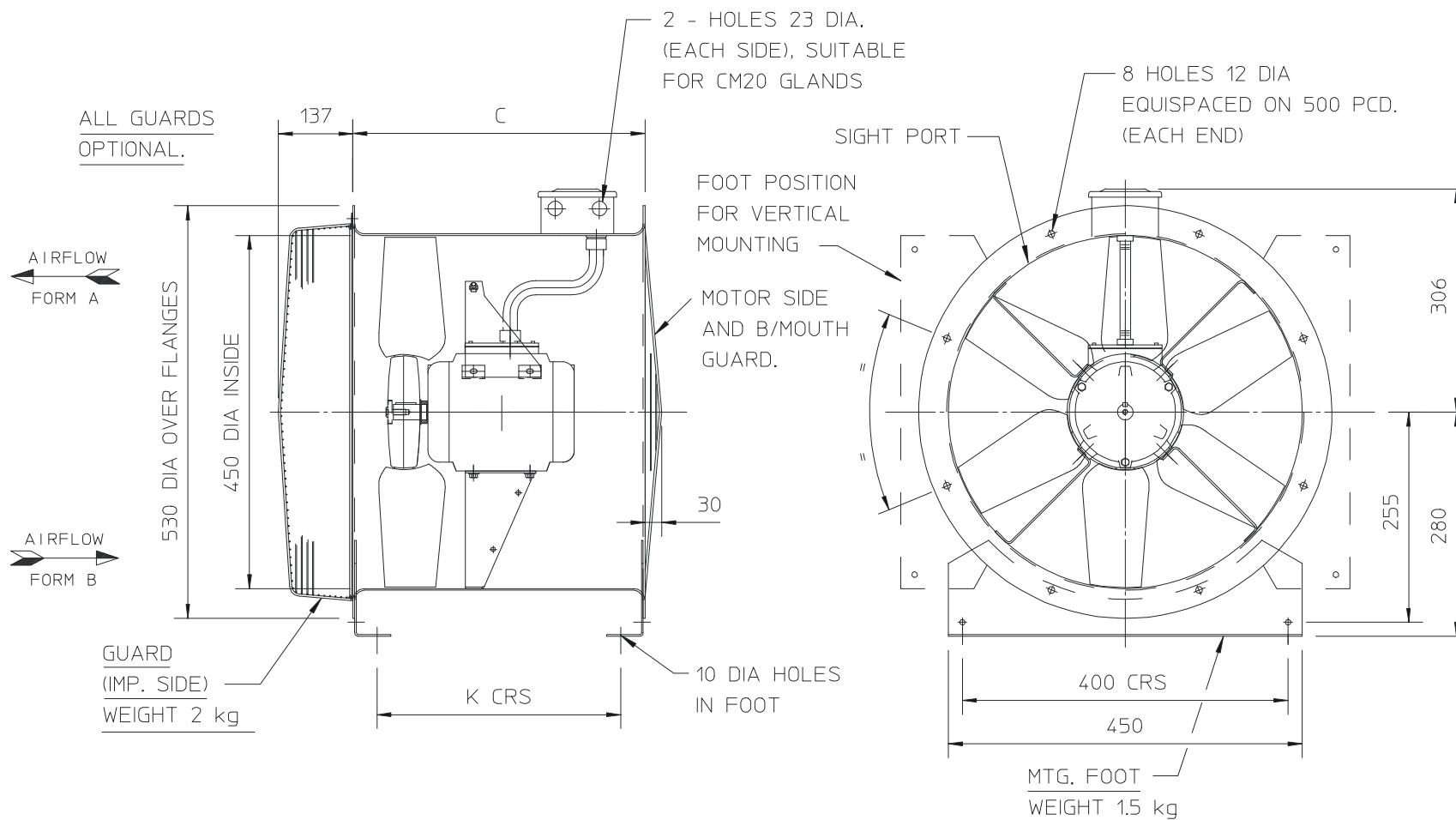
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Quotation Number :
Project Name :
Item Reference :

Fan Code : 45 MaXfan Compac
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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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