

Project Name :
Quotation Number :
Customer :
Fan Code : 50JM/20/4/6/28
Fan Diameter / Size : 500mm
Blades : 6
Fan Speed : 1420 rpm
Velocity : 7.4 m/s
Blade Angle : 28°
Form of Running : B
Fan Casing : Long
Requested Duty : 1.44m³/s @ 189 Pa (static)
Outlet Dynamic Pressure : 33 Pa
Duty Shaft Power : 0.515 kW
Max Shaft Power : 0.525 kW
Total Efficiency : 65 %
Motor Frame : CT5
Motor Rating : 0.520 kW
Full Load Current : 3.9 A
Starting Current : 7.8 A
Motor Mounting : Pad
Electrical Supply : 220-240 Volts 50 Hz 1 Phase
Start Type : DOL
Motor Winding : Standard
Enclosure : Standard All
Air Density : 1.2 kg/m³ / 20 °C / 0 m / 50% RH
Smoke Venting : Non Smoke Venting
Product Number : DX511466

Date : Wednesday, November 23, 2011
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Performance data has been derived from tests carried out in a Fläkt 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.

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

Terms and Conditions: This offer is made subject to the terms and conditions detailed on the accompanying letter.

	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3m**
Inlet*	74	76	74	72	70	67	63	59	81	54
Outlet*	76	77	74	72	71	68	65	60	82	55
Breakout*	66	59	52	49	46	40	43	36	67	32
* Lw dB re 10 ⁻¹² W									** dBA re 2x10 ⁻⁵ Pa	

Description	Qty	Unit Price	Price
Fan			
50JM/20/4/6/28	1	enquire	enquire
Fan Accessories (Quantities per Fan)			
Thermostat	1	enquire	enquire
TOTAL PRICE FAN AND ACCESSORIES (leadtimes subject to parts availability)			enquire

Unit E1 Longford Trading Estate
 Thomas Street, Lancashire, M320JT
 Tel: 0161 864-1777 Fax: 0161 864-2777

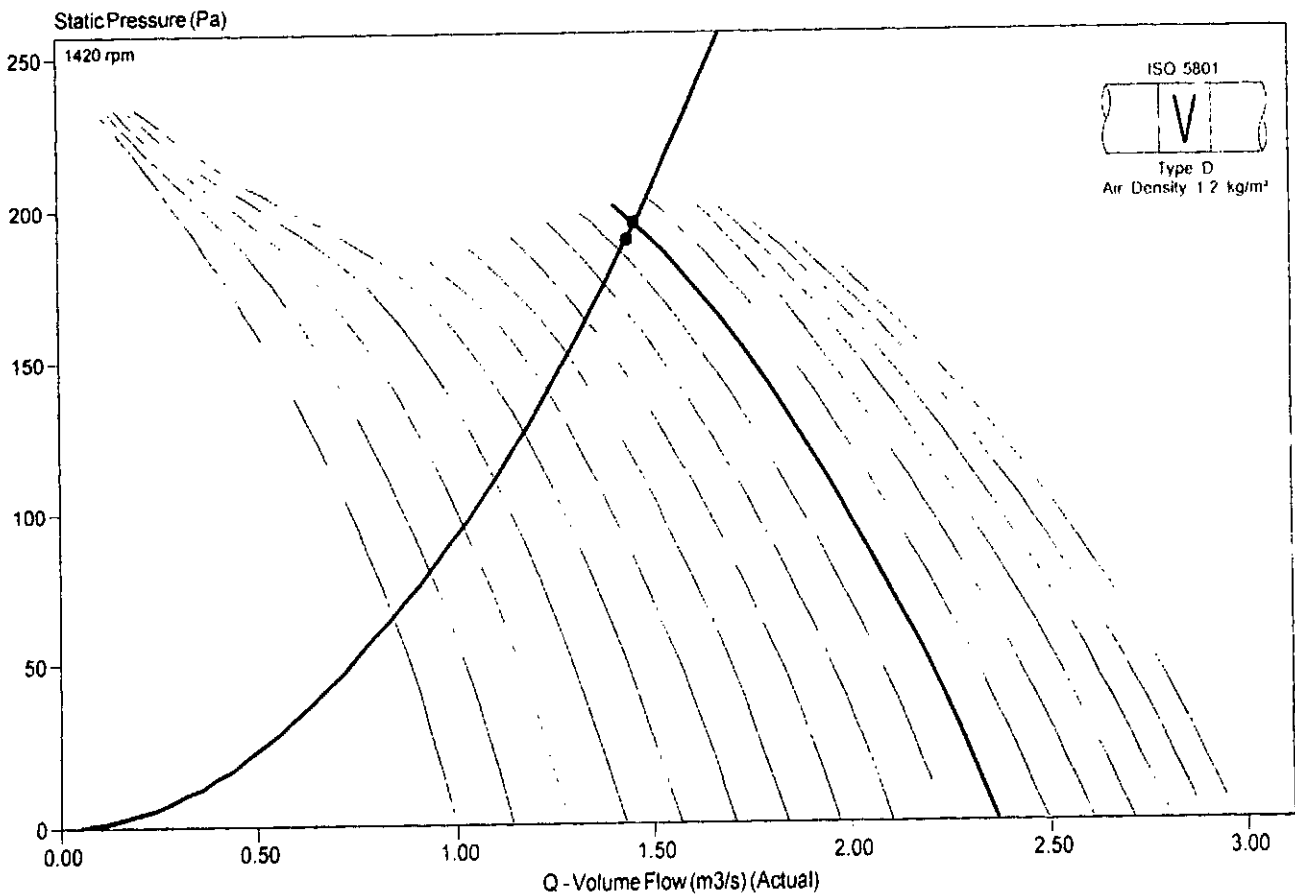
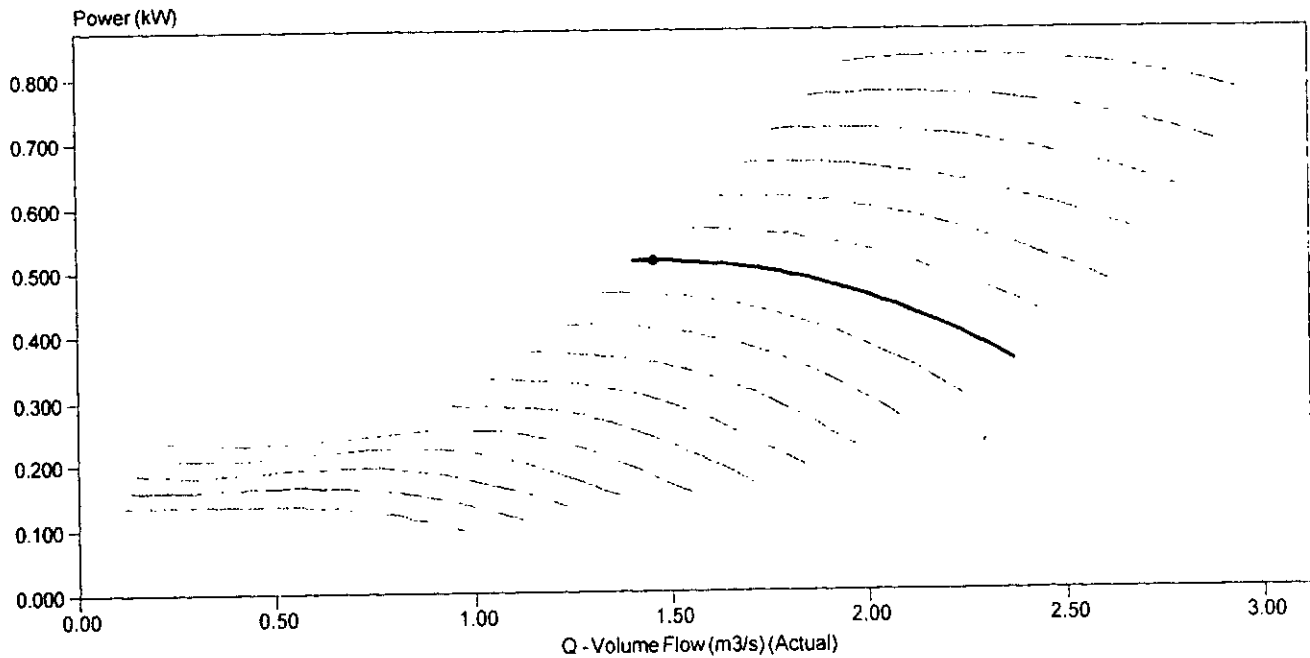
Website: www.nfan.co.uk

Email: mike@nfan.co.uk

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Northern Fan Supplies Ltd

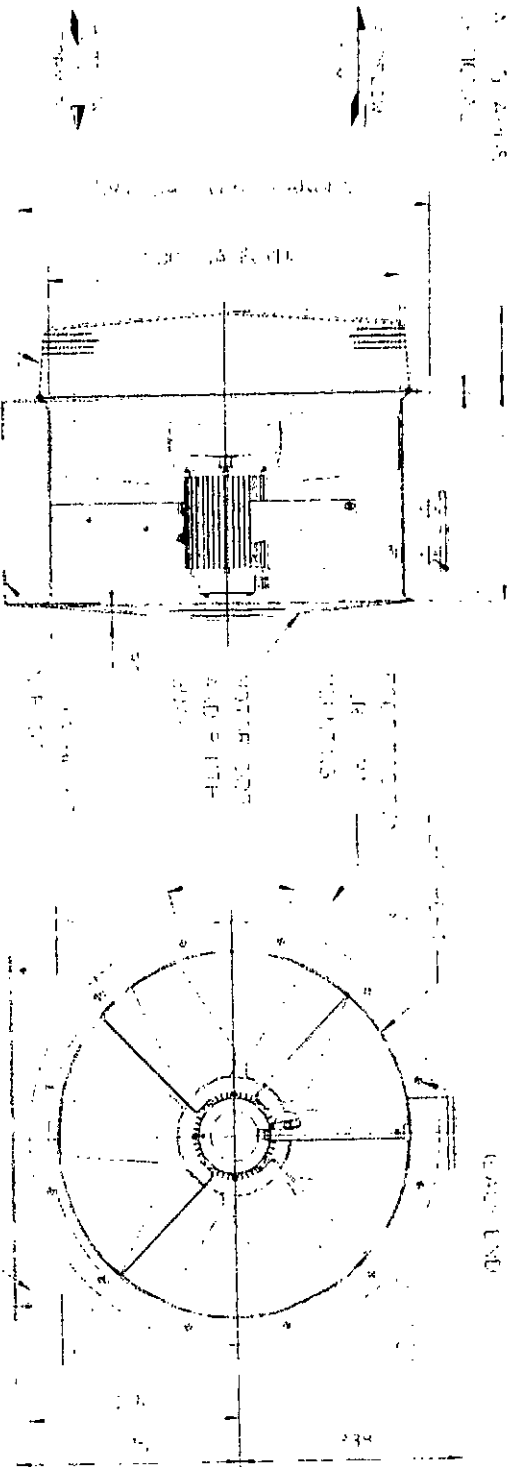
Drawing and Dimensions

JM Aerofoil

Fläkt Woods

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Notes : Dimensions shown in mm / Weight in kg

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

Reference : D248974

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