

Quotation Number

Project Name

Item Reference:

63-3 MaXfan2/25/4/9/40/32 Fan Code

Fan Diameter / Size 630 Size / mm **Blades** Fan Speed 1420 rpm 19.3 m/s Velocity Blade Angle 40-32

Installation Type / Form of Running D / AB (Vertical) Long

Fan Casing

Requested Duty 6m³/s @ 565 Pa (static)

Outlet Dynamic Pressure 222 Pa

6.17 kW (Both Stages) **Duty Shaft Power** Max Shaft Power 7.63 kW (Both Stages)

Total Efficiency 76.7 %

Motor Frame 112M [Class F] Motor Rating 4.80 kW [IE2] (Per Stage) Full Load Current 9.69 A (Per Stage) Starting Current Motor Mounting 49.42 A (Per Stage)

Pad

Electrical Supply 380-420 Volts 50 Hz 3 Phase

DOL Start Type Motor Winding Standard Standard All Enclosure

ErP [FMEG] Rating N 70 (ErP Compliant 2015)

ErP [FMEG] Target 40° [40° - 40°] FMEG Blade Angle [Range] Measurement Category D (Total)

Fan + Motor Efficiency 67.9% (5.42 m3/s @ 965 Pa)

Motor Input Power (ErP) 3.85 kW

SFP value 1.60 W/(I/s) @ Requested Duty

Power from mains 9.6 kW 28800 kWh (3000 h/year) **Energy Consumption**

Running Cost / Year £3456

1.2 kg/m³ / 20 °C / 0 m / 40% RH Air Density

Smoke Venting Non Smoke Venting

Product Number EE661476 Project Code Customer

Date: Thursday, November 21, 2024

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 / 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. Our lead times will be re-confirmed on receipt of manufacturing release and may be subject to

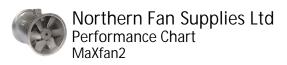
	Sou	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 m**	
Inlet*	93	91	97	101	95	87	80	73	104	79	
Outlet*	95	92	99	103	95	89	82	76	105	81	
Breakout*	88	74	76	81	73	65	66	55	89	59	
* Lw dB re 10 -12 W							'a				
Sound data at r	equeste	d dut	у.								

Description		Qty
Fan		
EE661476 - 63-3 MaXfan2/25/4/9/40/32		
Accessories		
Thermistors		1

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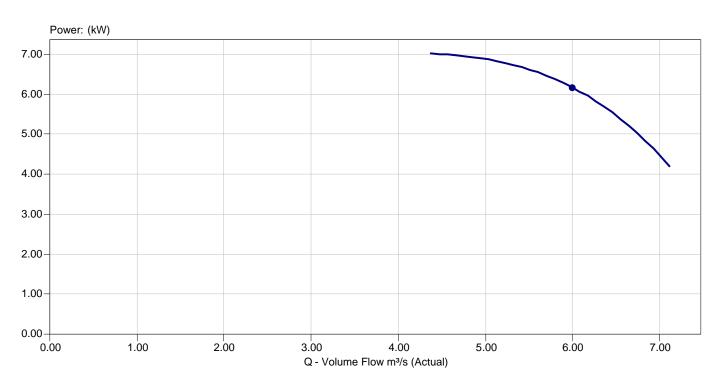


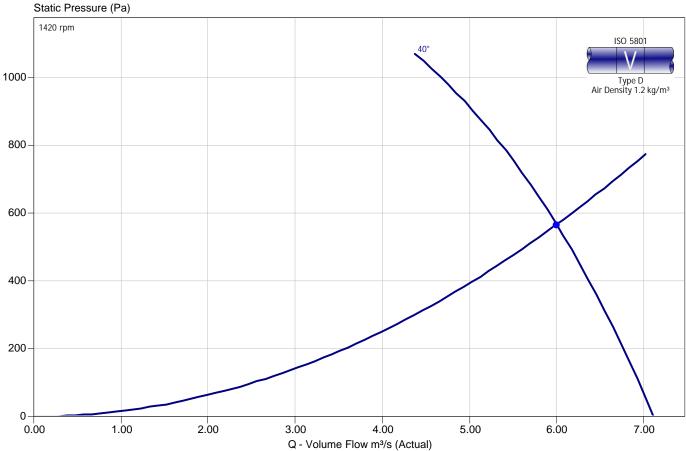


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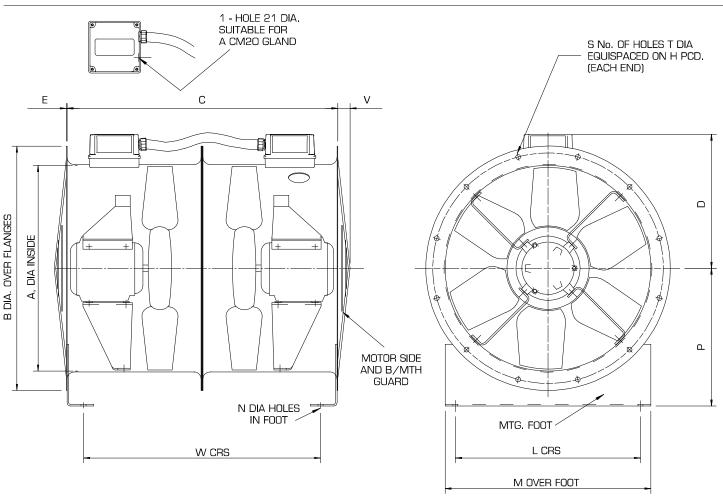
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Notes: Dimensions shown in mm / Weight in kg

Reference: Catalogue drawing

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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