



Northern Fan Supplies Ltd

Technical Data Sheet

Estoc Targe - Powerbox GF



Quotation Number : **C758** Project Code :
Project Name : **SHEFFIELD ST** Customer :
Item Reference: : **EXTRACT FAN** Date: : Thursday, April 6, 2023

Fan Code Estoc Targe (PowerBox) 67-450-1
Fan Diameter / Size 450
Velocity 6.3 m/s
Form of Running B (Horizontal)

Requested Duty (164.7V) 1m³/s @ 275 Pa (static)
Control Adjustment 164.7V
Outlet Dynamic Pressure 24 Pa

Duty Shaft Power 0.838 kW
Max Shaft Power 1.00 kW

Motor Frame Integral [Class F]
Motor Rating 1.00 kW
Full Load Current 5.38 A
Starting Current 11.96 A
Electrical Supply 220-240 Volts 50 Hz 1 Phase
Start Type Enquire
Motor Winding Standard

ErP [FMEG] Rating Not in Scope

SFP value 0.84 W/(l/s) @ Requested Duty
Power from mains 0.84 kW
Energy Consumption 2513 kWh (3000 h/year)
Running Cost / Year £226

Air Density 1.2 kg/m³ / 20 °C / 0 m / 50% RH
Smoke Venting Non Smoke Venting
Product Number GF674501

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.

	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 m**
Inlet*	-	69	64	62	63	63	57	48	72	48
Outlet*	-	74	68	65	67	65	62	51	77	51
Breakout*	-	68	58	51	48	45	42	36	69	36

* Lw dB re 10⁻¹² W

** dBA re 2x10⁻⁵ Pa

Sound data at requested duty.

Description		Qty
Fan GF674501 - Estoc Targe (PowerBox) 67-450-1		1
Accessories		
Optional Controllers & Sensors		Optional Accessories

Unit E1 Longford Trading Estate
Thomas Street, Stretford, M320JT
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Email: kylejr@nfan.co.uk
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Northern Fan Supplies Ltd

Combination Data Sheet

Estoc Targe - Powerbox GF



Quotation Number : **C758**
Project Name : **SHEFFIELD ST**
Item Reference : **EXTRACT FAN**

Project Code :
Customer :
Date: : Thursday, April 6, 2023

Fan Code : Estoc Targe (PowerBox) 67-450-1
Fan Diameter / Size : 450
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Form of Running : B (Horizontal)

Requested Duty (164.7V) : 1m³/s @ 275 Pa (static)
Control Adjustment : 164.7V
Outlet Dynamic Pressure : 24 Pa

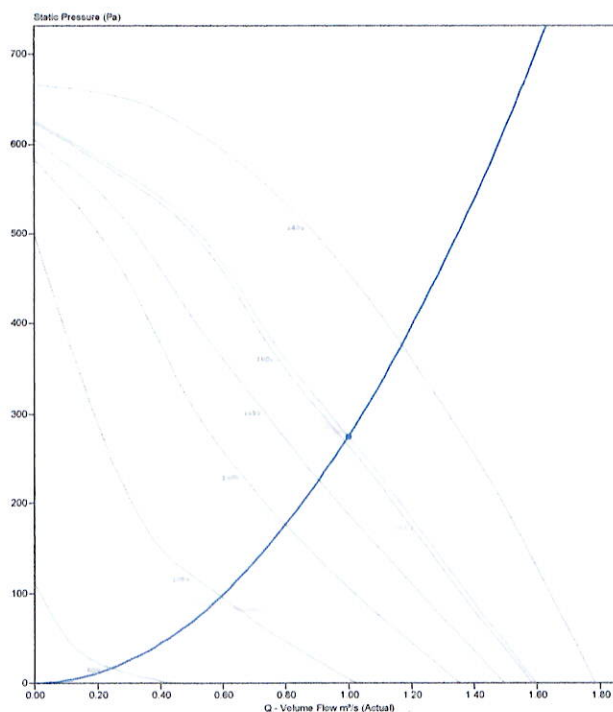
Duty Shaft Power : 0.838 kW
Max Shaft Power : 1.00 kW

Motor Frame : Integral [Class F]
Motor Rating : 1.00 kW
Full Load Current : 5.38 A
Starting Current : 11.96 A
Electrical Supply : 220-240 Volts 50 Hz 1 Phase
Start Type : Enquire
Motor Winding : Standard

ErP [FMEG] Rating : Not in Scope

SFP value : 0.84 W/(l/s) @ Requested Duty
Power from mains : 0.84 kW^s
Energy Consumption : 2513 kWh (3000 h/year)
Running Cost / Year : £226

Air Density : 1.2 kg/m³ / 20 °C / 0 m / 50% RH
Smoke Venting : Non Smoke Venting
Product Number : GF674501



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Sound data at requested duty.

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Description		Qty
Fan GF674501 - Estoc Targe (PowerBox) 67-450-1		1
Accessories		
Optional Controllers & Sensors		
Optional Accessories		

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Combination Data Sheet

Estoc Targe - Powerbox GF



Quotation Number : C750
Project Name : SHEFFIELD ST
Item Reference : EXTRACT FAN

Project Code :
Customer :
Date : Thursday, April 6, 2023

Fan Code : Estoc Targe (PowerBox) 67-450-1
Fan Diameter / Size : 450
Velocity : 6.3 m/s
Form of Running : B (Horizontal)

Requested Duty (164.7V) : 1m³/s @ 275 Pa (static)
Control Adjustment : 164.7V
Outlet Dynamic Pressure : 24 Pa

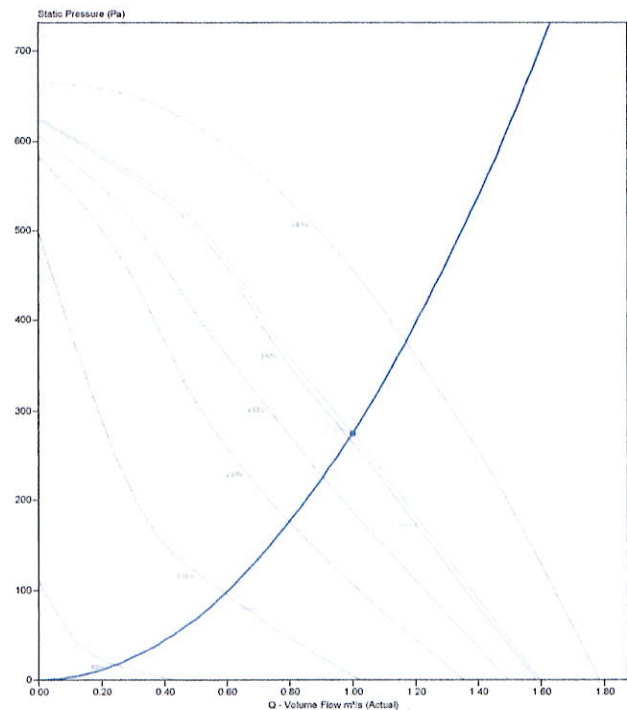
Duty Shaft Power : 0.838 kW
Max Shaft Power : 1.00 kW

Motor Frame : Integral [Class F]
Motor Rating : 1.00 kW
Full Load Current : 5.38 A
Starting Current : 11.96 A
Electrical Supply : 220-240 Volts 50 Hz 1 Phase
Start Type : Enquire
Motor Winding : Standard

ErP [FMEG] Rating : Not in Scope

SFP value : 0.84 W/(l/s) @ Requested Duty
Power from mains : 0.84 kW^h
Energy Consumption : 2513 kWh (3000 h/year)
Running Cost / Year : £226

Air Density : 1.2 kg/m³ / 20 °C / 0 m / 50% RH
Smoke Venting : Non Smoke Venting
Product Number : GF674501



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Sound data at requested duty.

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Description		Qty
Fan GF674501 - Estoc Targe (PowerBox) 67-450-1		1
Accessories		

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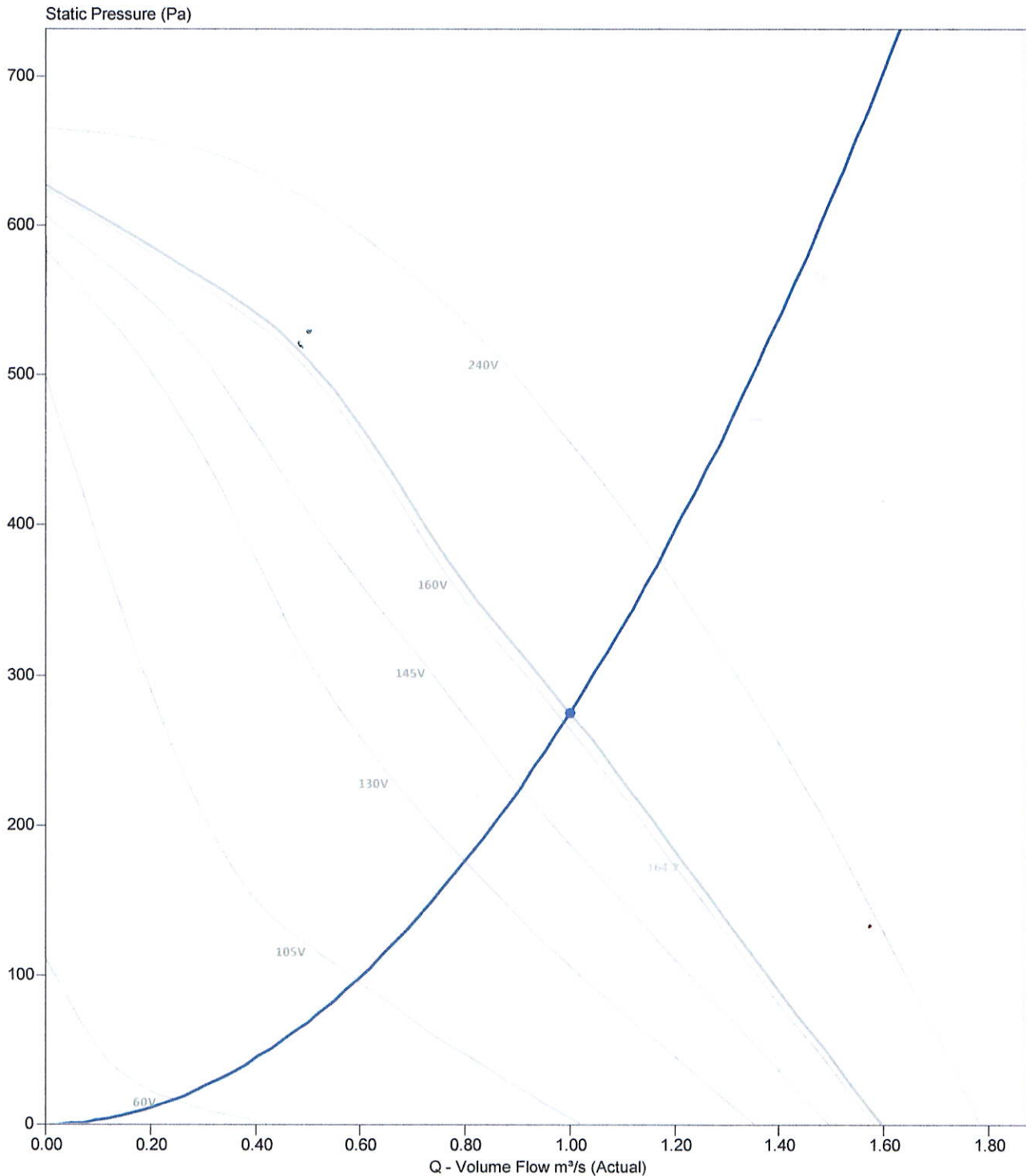


Northern Fan Supplies Ltd
Performance Chart
Estoc Targe - Powerbox GF



Quotation Number : C758
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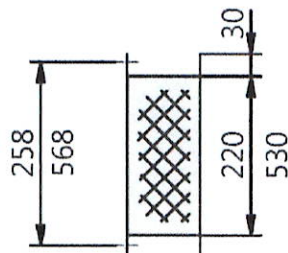


Northern Fan Supplies Ltd
Drawing and Dimensions
Estoc Targe - Powerbox GF

FläktWoods

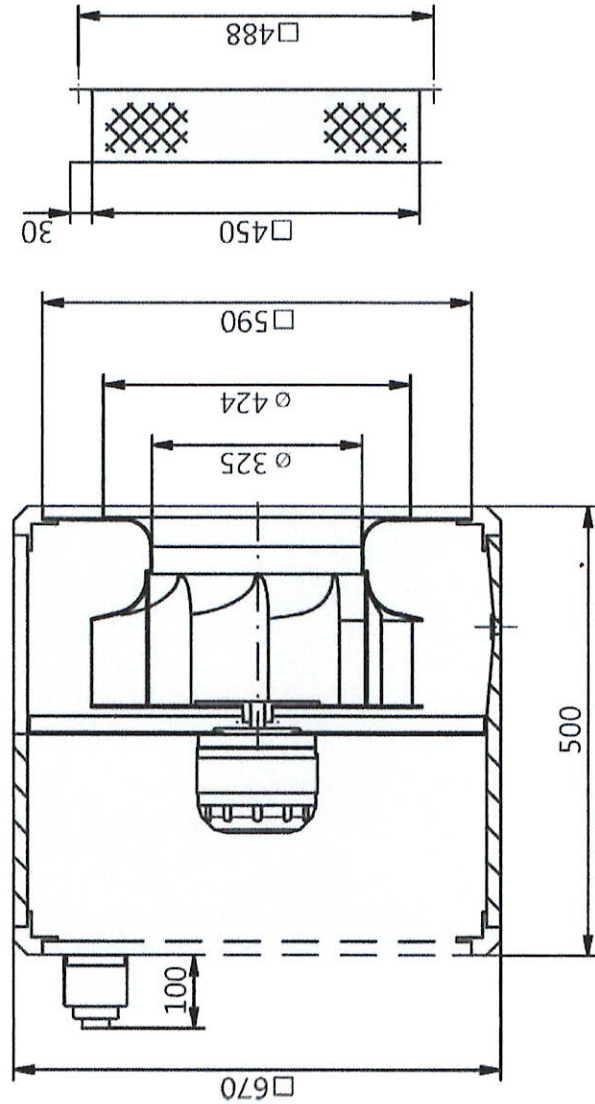
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Max Weight (kg)

62



Notes : Dim in mm / Weight in kg / * Outlet dim

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

Reference : Catalogue drawing

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Selection Engine: 3.1.3.51p