



Northern Fan Supplies Ltd

Technical Data Sheet

Estoc Targe - Powerbox GF



Quotation Number : **C759**
 Project Name : **SALMON ST**
 Item Reference: : **EXTRACT FAN**

Project Code : BC-7256-1
 Customer :
 Date: : Tuesday, April 18, 2023

Fan Code : Estoc Targe (PowerBox) 80-500-3
 Fan Diameter / Size : 500
 Velocity : 8.7 m/s
 Form of Running : B (Horizontal)

Requested Duty (330.4V) : 1.7m³/s @ 350 Pa (static)
 Control Adjustment : 330.4V
 Outlet Dynamic Pressure : 45 Pa

Duty Shaft Power : 1.39 kW
 Max Shaft Power : 1.50 kW

Motor Frame : Integral [Class F]
 Motor Rating : 1.50 kW
 Full Load Current : 3 A
 Starting Current : 14.7 A
 Electrical Supply : 380-420 Volts 50 Hz 3 Phase
 Start Type : Enquire
 Motor Winding : Standard

ErP [FMEG] Rating : Not in Scope

SFP value : 0.81 W/(l/s) @ Requested Duty
 Power from mains : 1.39 kW
 Energy Consumption : 4155 kWh (3000 h/year)
 Running Cost / Year : £374

Air Density : 1.2 kg/m³ / 20 °C / 0 m / 40% RH
 Smoke Venting : Non Smoke Venting
 Product Number : GF805003

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*	-	78	76	73	69	68	64	56	81	55
Outlet*	-	79	79	75	74	71	64	58	83	58
Breakout*	-	69	68	60	56	53	48	42	72	43

* Lw dB re 10⁻¹² W

** dBA re 2x10⁻⁵ Pa

Sound data at requested duty.

Description		Qty
Fan GF805003 - Estoc Targe (PowerBox) 80-500-3		1
Accessories		
Optional Controllers & Sensors  IDDXF54 - 3/3 - Inverter [EA901017]		Optional Accessories

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

Website: <http://www.nfan.co.uk/>
 Email: kylejr@nfan.co.uk
 Copyright Fläkt Group 2003 - 2020



Northern Fan Supplies Ltd

Combination Data Sheet
Estoc Targe - Powerbox GF



Quotation Number : C759
Project Name : SALMON ST
Item Reference : EXTRACT FAN

Project Code : BC-7256-1
Customer :
Date : Tuesday, April 18, 2023

Fan Code : Estoc Targe (PowerBox) 80-500-3
Fan Diameter / Size : 500
Velocity : 8.7 m/s
Form of Running : B (Horizontal)

Requested Duty (330.4V) : 1.7m³/s @ 350 Pa (static)
Control Adjustment : 330.4V
Outlet Dynamic Pressure : 45 Pa

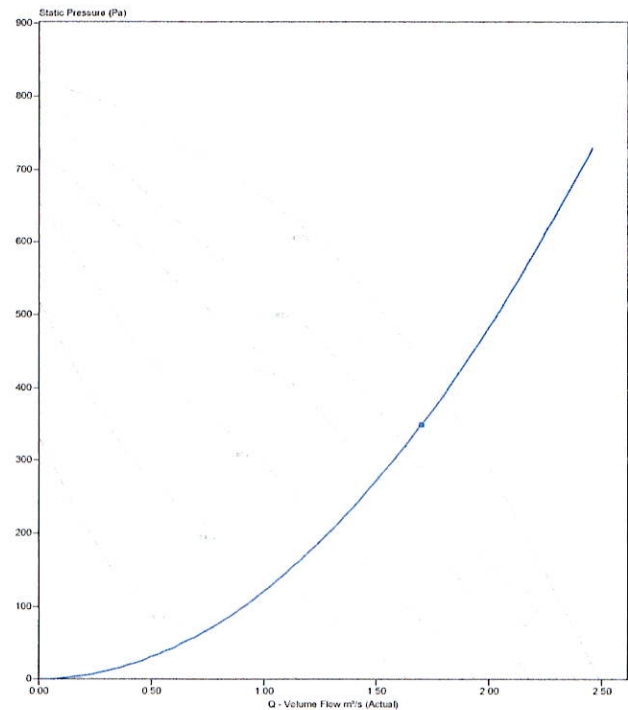
Duty Shaft Power : 1.39 kW
Max Shaft Power : 1.50 kW

Motor Frame : Integral [Class F]
Motor Rating : 1.50 kW
Full Load Current : 3 A
Starting Current : 14.7 A
Electrical Supply : 380-420 Volts 50 Hz 3 Phase
Start Type : Enquire
Motor Winding : Standard

ErP [FMEG] Rating : Not in Scope

SFP value : 0.81 W/(l/s) @ Requested Duty
Power from mains : 1.39 kW
Energy Consumption : 4155 kWh (3000 h/year)
Running Cost / Year : £374

Air Density : 1.2 kg/m³ / 20 °C / 0 m / 40% RH
Smoke Venting : Non Smoke Venting
Product Number : GF805003



	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 m**
Inlet*	-	78	76	73	69	68	64	56	81	55
Outlet*	-	79	79	75	74	71	64	58	83	58
Breakout*	-	69	68	60	56	53	48	42	72	43

* Lw dB re 10⁻¹² W

** dBA re 2x10⁻⁵ Pa

Sound data at requested duty.

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

Description		Qty
Fan GF805003 - Estoc Targe (PowerBox) 80-500-3		1
Accessories		
Optional Controllers & Sensors		Optional Accessories
 IDDXF54 - 3/3 - Inverter [EA901017]		

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

Website: <http://www.nfan.co.uk/>
Email: kylejr@nfan.co.uk
Copyright Fläkt Group 2003 - 2020



Northern Fan Supplies Ltd

Combination Data Sheet

Estoc Targe - Powerbox GF



Quotation Number : C759
Project Name : SALMON ST
Item Reference: : EXTRA FAN

Project Code : BC-7256-1
Customer :
Date: : Tuesday, April 18, 2023

Fan Code Estoc Targe (PowerBox) 80-500-3
Fan Diameter / Size 500
Velocity 8.7 m/s
Form of Running B (Horizontal)

Requested Duty (330.4V) 1.7m³/s @ 350 Pa (static)
Control Adjustment 330.4V
Outlet Dynamic Pressure 45 Pa

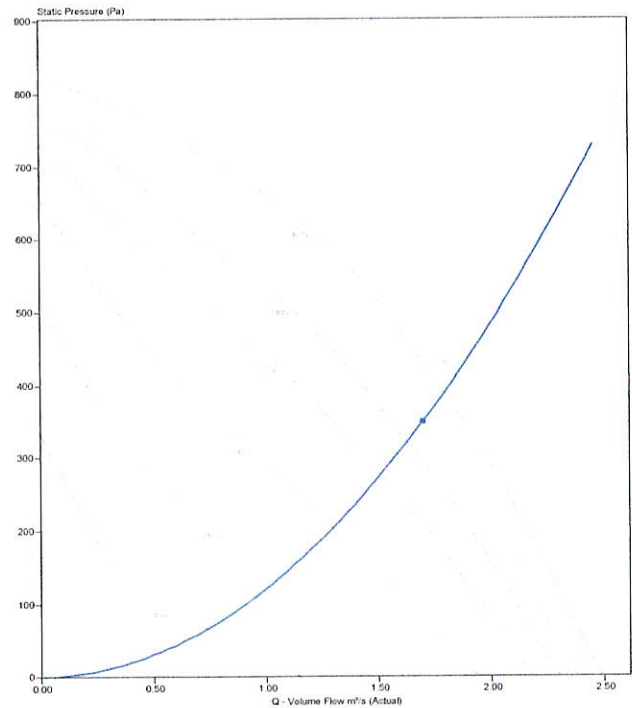
Duty Shaft Power 1.39 kW
Max Shaft Power 1.50 kW

Motor Frame Integral [Class F]
Motor Rating 1.50 kW
Full Load Current 3 A
Starting Current 14.7 A
Electrical Supply 380-420 Volts 50 Hz 3 Phase
Start Type Enquire
Motor Winding Standard

ErP [FMEG] Rating Not in Scope

SFP value 0.81 W/(l/s) @ Requested Duty
Power from mains 1.39 kW
Energy Consumption 4155 kWh (3000 h/year)
Running Cost / Year £374

Air Density 1.2 kg/m³ / 20 °C / 0 m / 40% RH
Smoke Venting Non Smoke Venting
Product Number GF805003



	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 m**
Inlet*	-	78	76	73	69	68	64	56	81	55
Outlet*	-	79	79	75	74	71	64	58	83	58
Breakout*	-	69	68	60	56	53	48	42	72	43

* Lw dB re 10⁻¹² W ** dBA re 2x10⁻⁵ Pa
Sound data at requested duty.

will be re-confirmed on receipt of manufacturing release and may be subject to change.

Description		Qty
Fan GF805003 - Estoc Targe (PowerBox) 80-500-3		1
Accessories		
Optional Controllers & Sensors  IDDXF54 - 3/3 - Inverter [EA901017]		Optional Accessories

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

Website: <http://www.nfan.co.uk/>
Email: kylejr@nfan.co.uk
Copyright Fläkt Group 2003 - 2020



Northern Fan Supplies Ltd

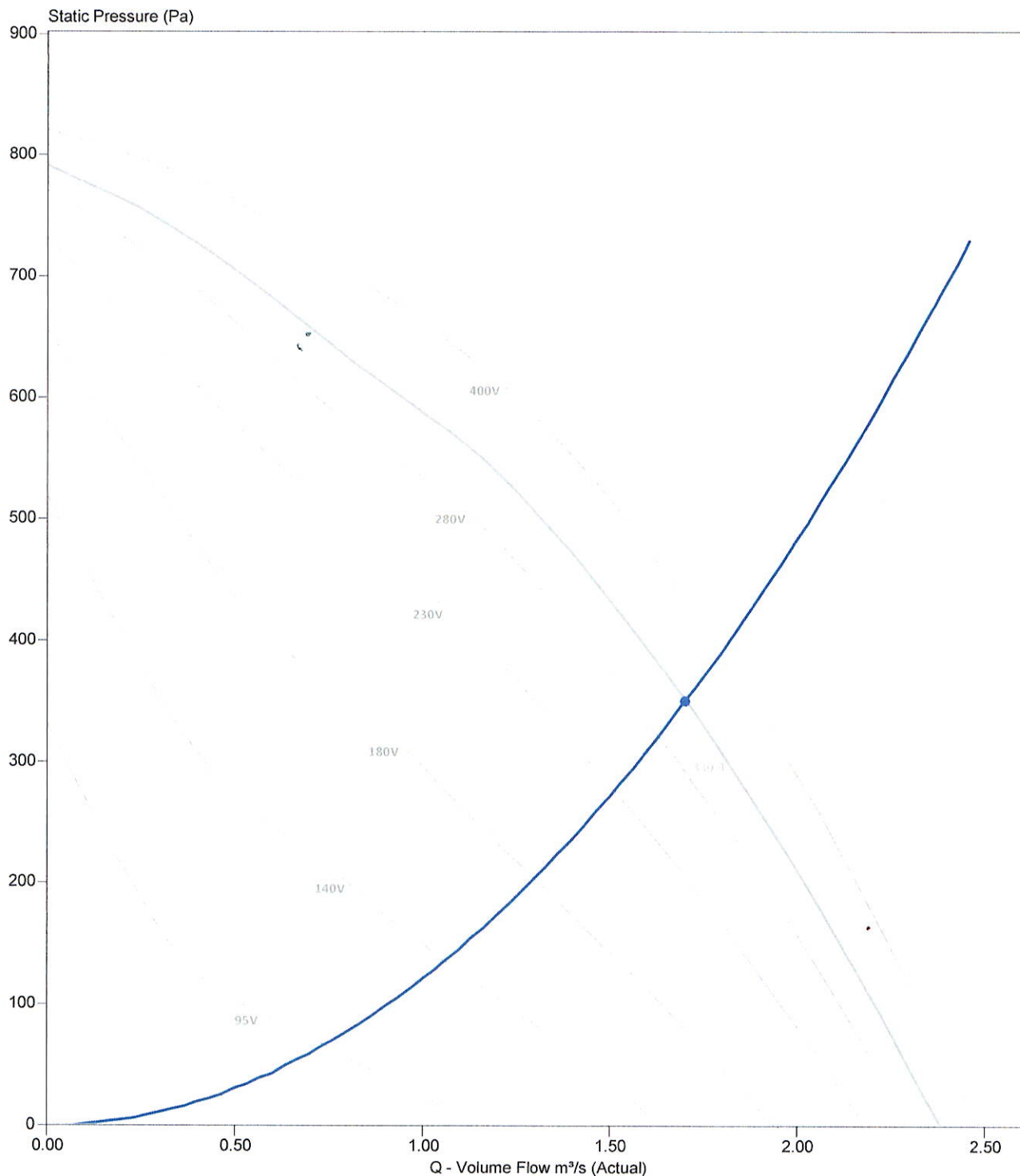
Performance Chart

Estoc Targe - Powerbox GF



Quotation Number : C 759
Project Name : SALMON ST
Item Reference : EXTRACT FAN

Project Code : BC-7256-1
Customer :
Date : Tuesday, April 18, 2023
Fan Code : Estoc Targe (PowerBox) 80-500-3

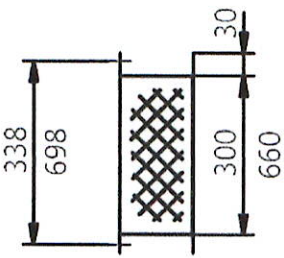




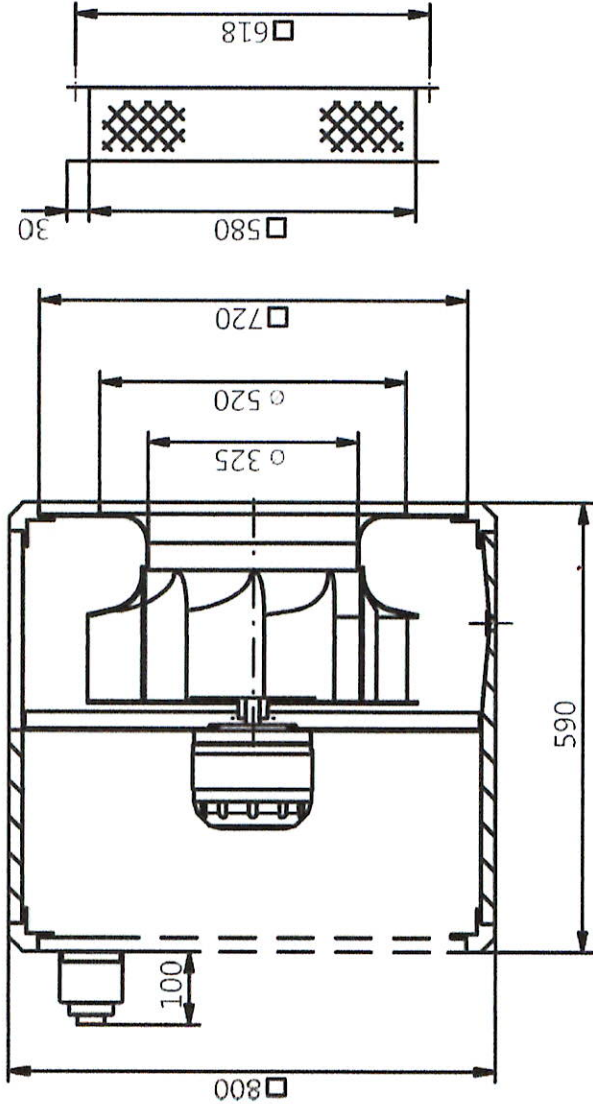
Northern Fan Supplies Ltd
Drawing and Dimensions
Estoc Targe - Powerbox GF

FläktWoods

Quotation Number	:	C759	Fan Code	:	Estoc Targe (PowerBox) 80-500-3
Project Name	:	SALMON ST	Customer	:	
Item Reference:	:	EXTRA FAN	Date:	:	Tuesday, April 18, 2023



Max Weight (kg) 95



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

Unit E1 Longford Trading Estate

Thomas Street, Stretford, M320JT

Tel: 01618641777 Fax: 01618642777

Website: <http://www.nfan.co.uk/>

Email: kylejr@nfan.co.uk

Copyright Fläkt Group 2003 - 2020

Selection Engine: 3.1.3.51p