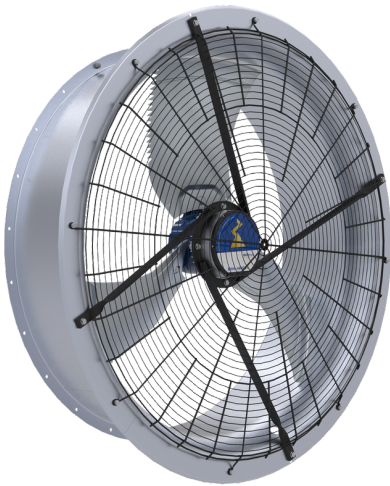


Duty Point Overview



Typ: FN125-ZIL.GQ.A3P1

Article number: 197729

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This document does not replace the technical product specification. It is intended solely as non-binding guidance regarding the information shown in the table of contents, in particular duty point data, characteristic curves and drawings. It is recommended that the technical product specification be agreed or accepted separately after this document.

1. Technical Data

Article number	197729
Type key	FN125-ZIL.GQ.A3P1
Designation	Axial fan with sickle blades
Fan design	with round wall ring plate.
Rated values	3~200-480V 50/60Hz P ₁ 2.90kW 8.80-3.70A 660 min ⁻¹ 55°C
Electrical connection	Integrated controller
Conformity	ErP 2015, ErP2026-Status: Compliant (complete fan)
ErP Data	Measurement category ErP: A Air flow q _v on Eta opt: 35803 m3/h Pressure increase p _{fs} on Eta opt: 130 Pa Input power P _{ed} on Eta opt: 2679 W Efficiency H _{statA} : 52.4 % Efficiency grade: N _{actual} = 56.0 / N _{target} = 40* *ErP 2015
Thermal class	THCL155
Efficiency class	IE5
IO-function	BASIC-MODBUS
Type PFC integrated	no PFC
Painting motor	Fan unpainted
Colour suspension	RAL 9005 (jet black)
Material rotor	Aluminium
Painting rotor	Rotor 1 coat paint
Colour rotor	RAL 5002 (ultramarine blue)
Material blades/impeller	Aluminium
Painting impeller	Blades powder-coated
Colour impeller	RAL 5002 (ultramarine blue)
Painting inlet nozzle	Bell mouth unpainted
Coating sheet-metal	Safety guard powder-coated with safety guard
Connection diagram	Connection diagram: AP00001C
Fitting position	H/Vu/Vo
Motor protection	integrated active temperature management
Type of protection	IP55
Impregnation	Moisture and hot climate protection
Quality of bearings	ball bearing with long-time lubrication
Labelling UL/CSA	E213826 ZC-155, MK152-0014
Colour motor	Fan unpainted.
Rating plate	1x fixed
Condens. drain holes	Condensation drain hole rotor open
Guard grille type	ring grill
Miscellaneous	All connecting elements in stainless steel.
Miscellaneous	All connecting elements with screw locking.
Client`s loose parts	Connecting elements in the accessories bag supplied loosely.
Number of blades	3
Blade setting	P

Special loose parts

Connecting elements in the accessories bag supplied loosely.

Weight

97.30 kg

Min. operating temperature

-35°C***

Disclaimer CT20/DOE

This product is currently not tested for compliance with U.S. DOE and CT20 regulations. The Purchase constitutes confirmation that the products intended use is exempt as per 10 CFR Part 431.174 paragraph A(3), or is for use in markets unaffected by these standards, as our customer we recommend you to verify local compliance prior to use.

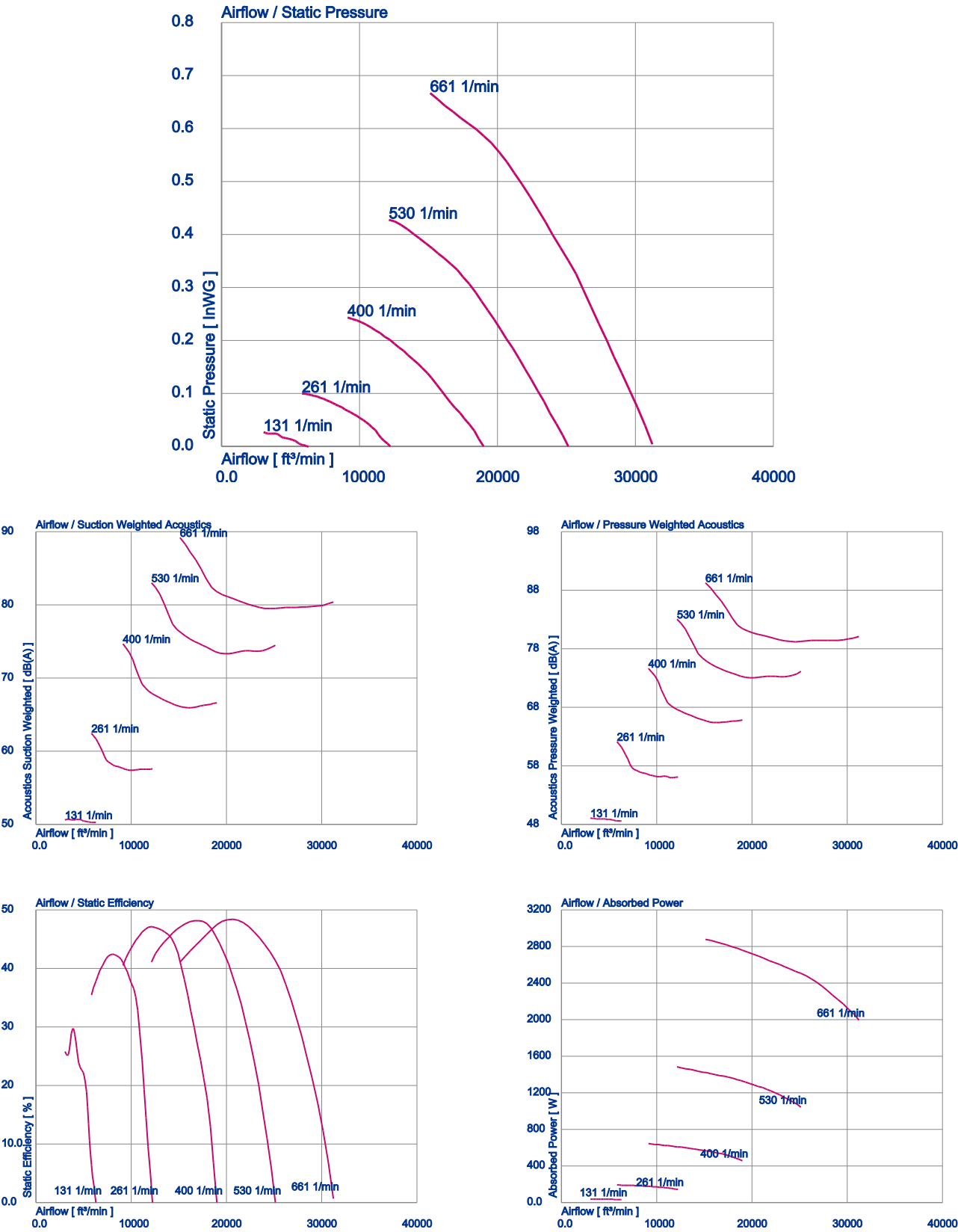
***** Operation mode:**

Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02.

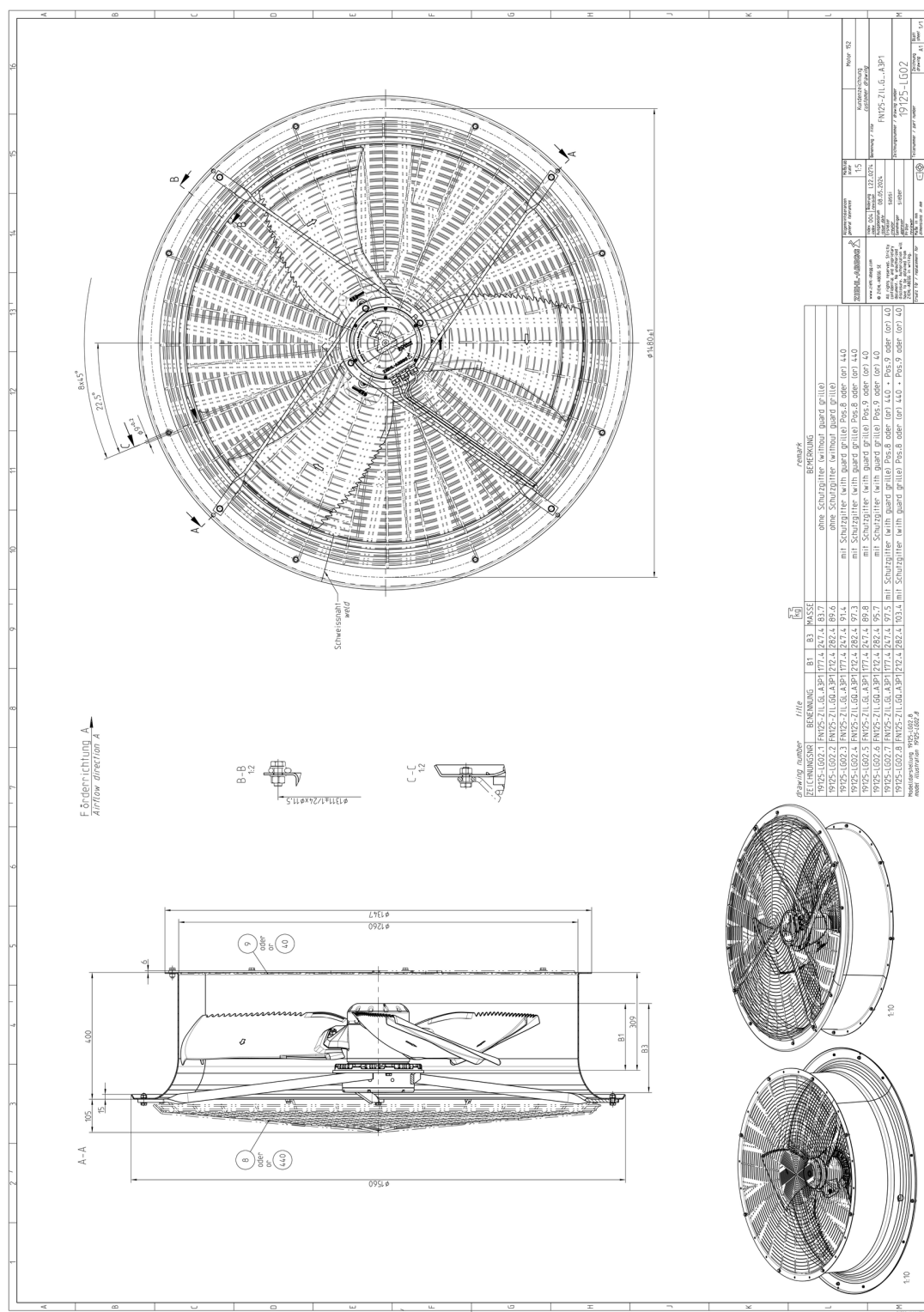
Occasional starting between -35 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

3. Characteristic Curve

Measured in full nozzle without guard grille in air flow direction A in installation type A according to ISO5801
1.16 kg/m³



4. Drawing

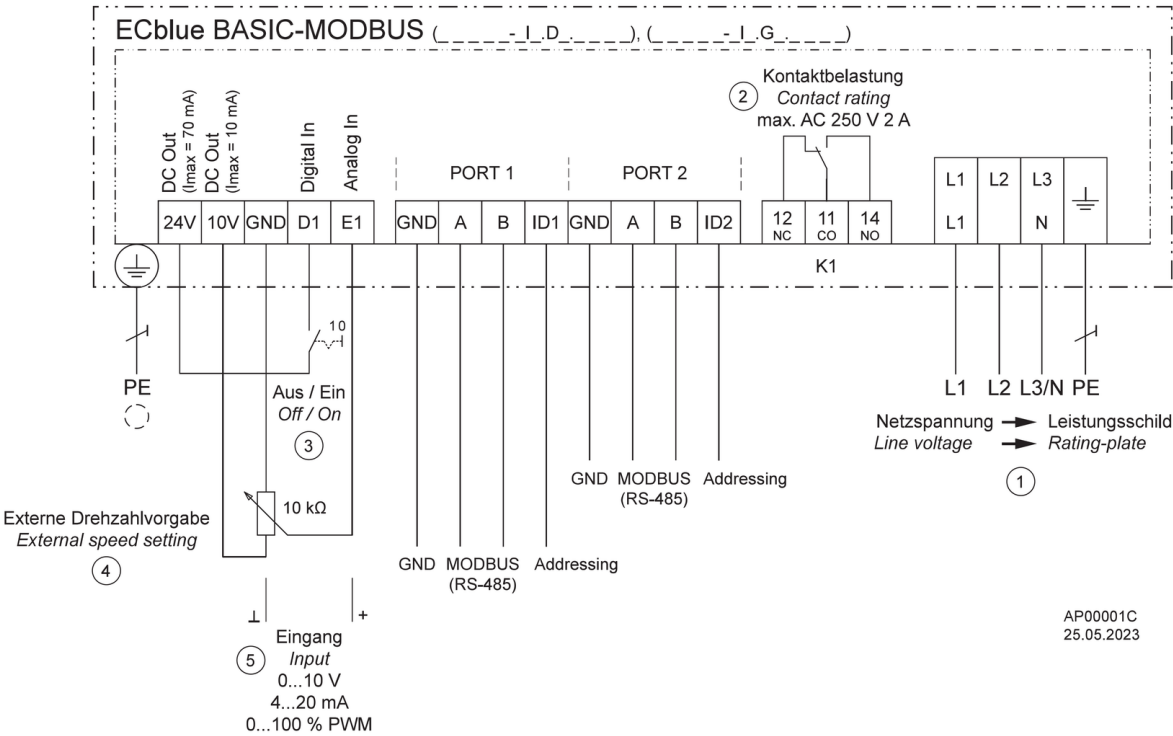


Dimensions in mm The illustrations shown make no claim to completeness and are for orientation purposes only.

5. Connection Diagram

Article number

197729



AP00001C
25.05.2023

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	Ausgabedatum issue date			25.05.2023	
	Ersteller creator			langm	
	ZIEHL-ABEGG 				