

Movement by Perfection



The Royal League in ventilation, control and drive technology



Product documentation

Type
FN063-VDQ.6N.A7P3

Article number
162476

Product documentation

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1. Recitals

The Product Specifications contained in this document are final, unless otherwise stated by a separate provision in the "ZIEHL-ABEGG deviation list document" with respect to information provided by the customer (cp. separate Chapter: Attachment).

Other regulations between the parties, regardless of time, form or content, are not part of the subject matter of the contract and the agreement on characteristics/of features (Product Specifications) between the parties.

Compliance with the following specifications is mandatory to ensure the functionality and safety of the product. If the following specifications given especially but not limited for operating conditions, transport, storage, mounting, start-up, maintenance and repair are not observed, the product may not operate safely and may cause a hazard to the life and limb of users and third parties.

Deviations from the following requirements may therefore lead both to the loss of the statutory material defect liability rights and to the liability of the buyer for the product that has become unsafe due to the deviation from the specifications.

2. Product Specification - Technical Data

Article number	162476
Type key	FN063-VDQ.6N.A7P3
Designation	Axial fan with sickle blades
Fan design	and with rectangular wall ring plate.
Rated values	3~400V D/Y 50Hz P(1) 2.40/1.50kW 4.6/2.6A $\Delta I=0\%$ 1320/1040/min COSY 0,75 65°C Hz
Electrical connection	Terminal box K62
ErP Data	Measurement category ErP: A Air flow q(v) on Eta opt: 12197 m ³ /h Pressure increase p(fs) on Eta opt: 241 Pa Input power P(1) on Eta opt: 2355 W Efficiency H(statA): 36.1 % Efficiency grade: N(actual) = 40.1 / N(target) = 40* *ErP 2015
Conformity	ErP 2015
Thermal class	THCL155
Painting motor	Fan unpainted
Colour suspension	RAL 9005 (jet black)
Material rotor	Aluminium
Painting rotor	Rotor unpainted
Material blades	Aluminium
Painting impeller	Blades unpainted
Painting inlet nozzle	Bell mouth powder-coated
Colour inlet nozzle	RAL 9005 (jet black)
Connection diagram	wiring diagram: 1360-108XB
Fitting position	H/Vu/Vo
Motor protection	thermal contact
Type of protection	IP54
Impregnation	Moisture and hot climate protection
Quality of bearings	ball bearing with long-time lubrication
Rating plate	1x fixed
Condens. drain holes	Condensation drain holes stator/rotor open
Guard grille type	ring grill
Miscellaneous	All connecting elements in stainless steel.
Special mounted part	Wall ring plate in special design.
Terminal box mount	Mounted on Stator
Number of blades	7
Blade setting	P
Operating manual	L-BAL-001
Weight	43.10 kg
Min. operating temperature	-40°C***
Disclaimer CT20/DOE	This product is currently not tested for compliance with U.S. DOE and CT20 regulations. The Purchase

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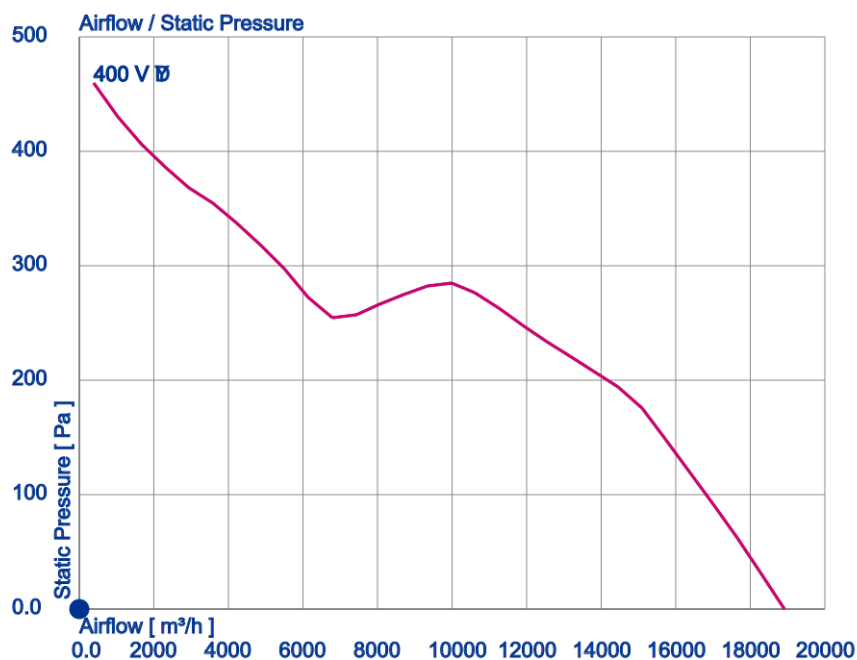
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constitutes confirmation that the products intended use is exempt as per 10 CFR Part 431.174 paragraph A(3), or is for use in markets unaffected by these standards, as our customer we recommend you to verify local compliance prior to use.

*** Operation mode: Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

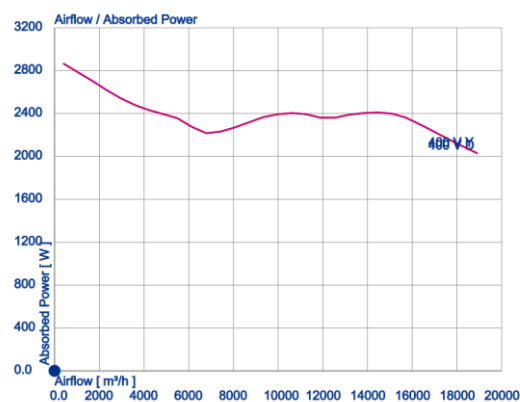
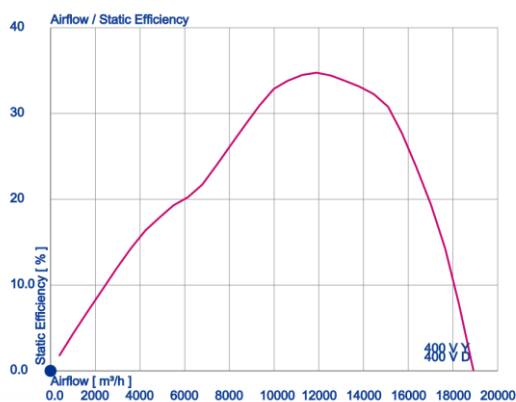
3. Characteristic Curve

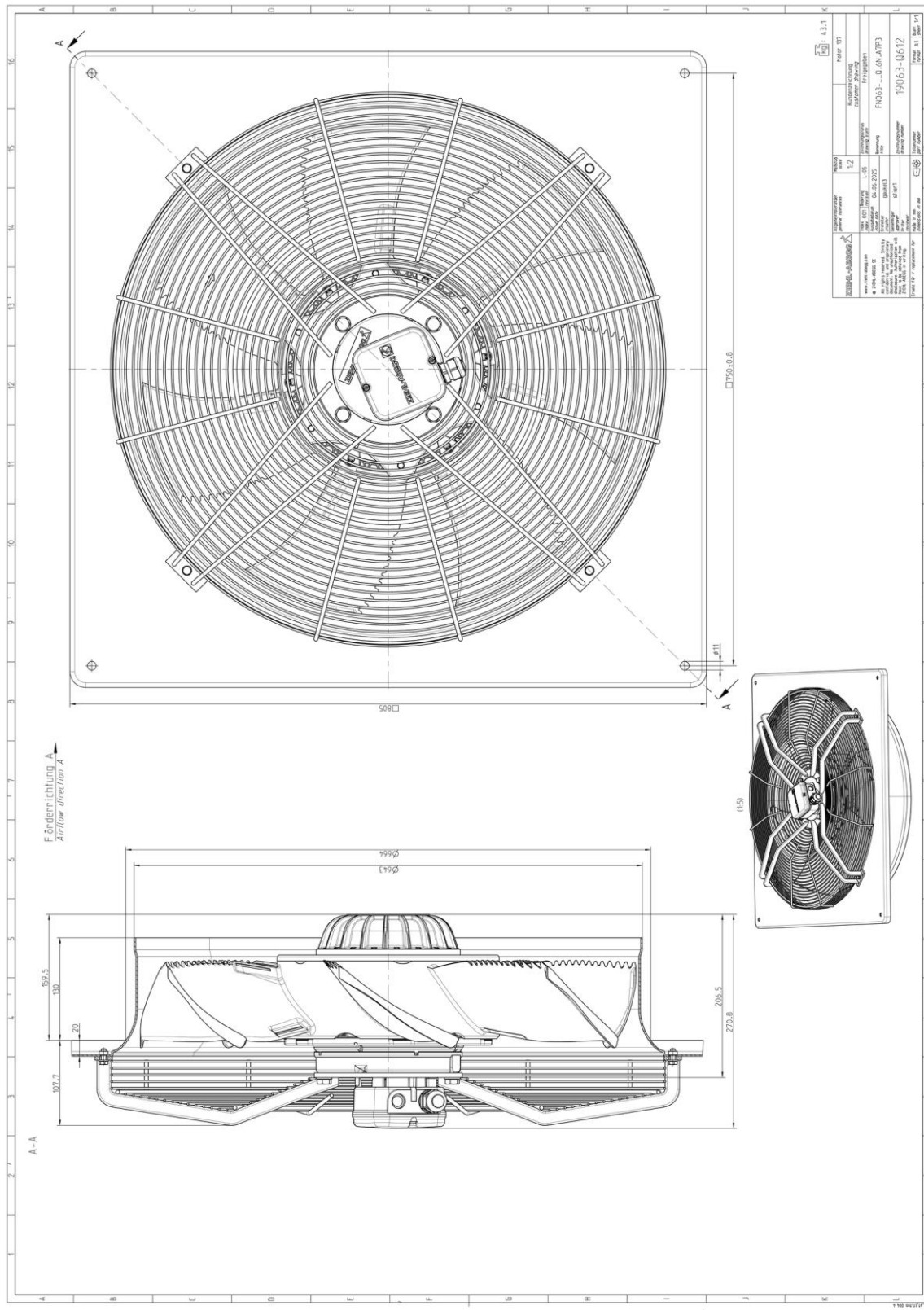
3~ 400V 50Hz`D



{{airflow_suction_weighted_acoustics}}

{{airflow_pressure_weighted_acoustics}}





Dimensions in mm

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

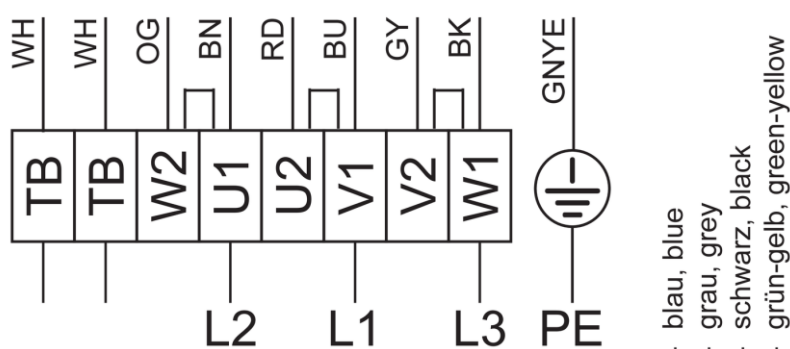
5. Connection Diagram

3~ Motor mit 2 Drehzahlen (D/Y-Umschaltung) und Thermostatschalter (falls eingebaut). Ohne Brücke bei Verwendung von Drehzahlumschalter.

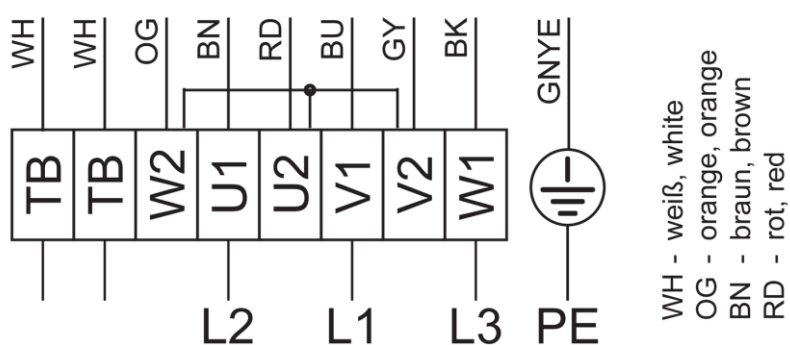
3~ motor, 2 speeds (D/Y switch over) with thermostatic switch (if built in). Without bridge when using speed change-over switch.

Hohe Drehzahl / Δ -Schaltung
High speed / Δ -connection

108XB-05



Niedere Drehzahl / Y-Schaltung
Low speed / Y-connection



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