Axialventilatoren

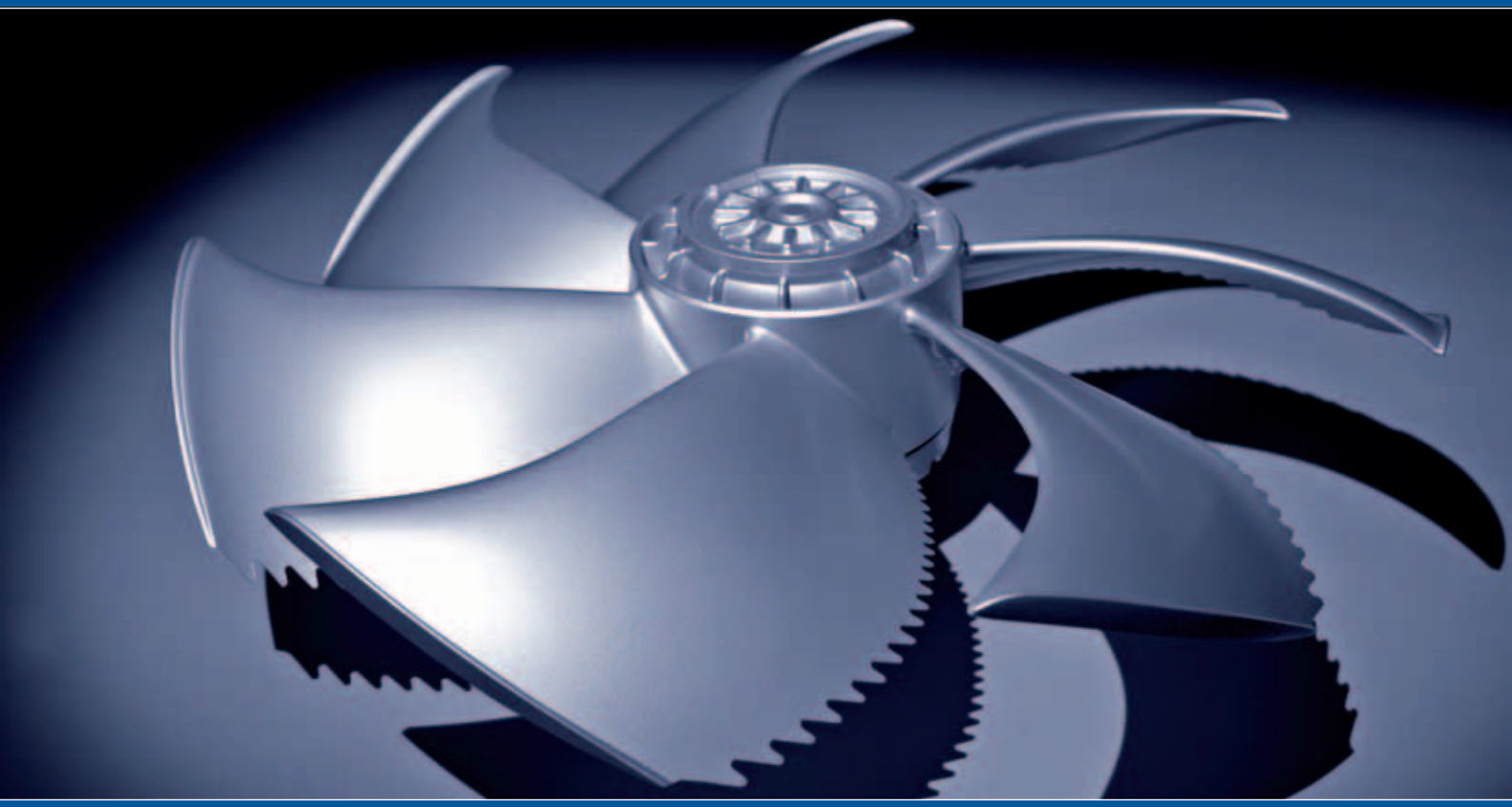
FE2owlet Baureihe FN

Axial Fans

FE2owlet Series FN

03/2010

FE2owlet - 50 Hz



ZIEHL-ABEGG

Katalogübersicht

Unsere gesamten Listen sind auf unserer Webseite im Bereich “Download” einzusehen.
Gedruckte Listen schicken wir Ihnen gerne auf Anfrage zu.

Catalogue range

Click on „download“ for catalogue information on our web-site.
Printed catalogues can be sent on request.

Copyright

Copyright

Allgemeine Hinweise

Die im Katalog enthaltenen Informationen und Daten sind nach bestem Wissen erstellt und entbinden Sie nicht von der Pflicht, die Eignung der darin enthaltenen Produkte auf die von Ihnen beabsichtigte Anwendung hin zu prüfen.

ZIEHL-ABEGG behält sich Maß- und Konstruktionsänderungen vor, die dem technischen Fortschritt dienen.
Notwendige Korrekturen der Katalogdaten werden laufend auf unserer Web-Site aktualisiert.

Der Verkauf dieser Produkte erfolgt nach den Technischen Lieferbedingungen für Ventilatoren nach DIN 24 166.

Der Auftraggeber ist verpflichtet, sofern er sich bei der Bestellung nicht auf Katalogangaben bezieht, dem Lieferer allgemeine Angaben über Verwendungszweck, Einbauart, Betriebsbedingungen und sonstige zu berücksichtigende Bedingungen zu machen.

FE2owlet ist ein eingetragener Markenname der Ziehl-Abegg AG.

General information

The information and data contained in this catalogue were established to our best ability and do not dispense the user from his duty to check the suitability of the products with respect to its intended application.

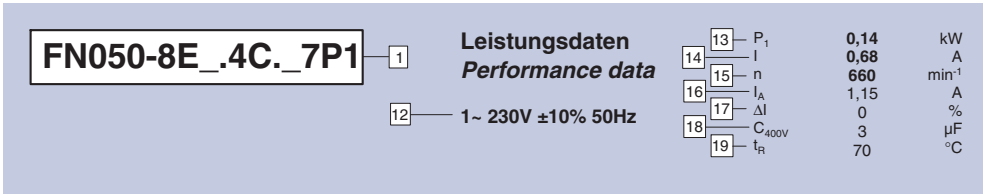
ZIEHL-ABEGG reserves the right to make any dimensional design changes which are part of their constant improvement programme.
Necessary corrections are constantly updated on our web-site.

The sales of the products is subject to the “Technical Conditions of Sale” for fans in accordance with German standard DIN 24 166.

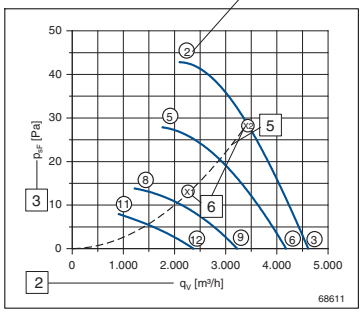
The customer is obligated to inform the supplier about general information concerning the intended use, the type of installation, the operating conditions and any other conditions that need to be taken into consideration if the order is not based on catalogue information.

FE2owlet is a registraded trademark of the Ziehl-Abegg AG.

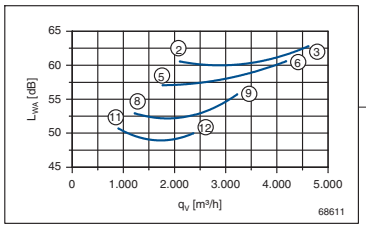
Erläuterungen zu technischen Daten
Key to Technical Details



Kennliniendaten
Characteristic data



4	7	8	9	10
	U	I	P_1	n
	V	A	W	min^{-1}
②	**230**	**0,68**	**145**	**660**
③		0,60	125	690
⑤	170	0,69	110	530
⑥		0,57	90	630
⑧	135	0,63	75	380
⑨		0,58	70	490
⑪	110	0,54	52	270
⑫		0,53	51	360



20 $p_{d2} = 1{,}2 \cdot 10^{-6} \cdot q_v^2$

Legende

1	Ventilator
2	Volumenstrom
3	Statische Druckerhöhung
4	Betriebspunkte
5	Widerstandkennlinie (Beispiel)
6	Arbeitspunkt X1 **mit** Regelung (gefordert), X2 **ohne** Regelung. Liegt der Arbeitspunkt X1 zwischen den Kennlinien, so können seine Betriebswerte durch Näherung ermittelt und z. B. durch eine stufenlose Spannungsregelung exakt eingestellt werden.
7	Spannung
8	Strom
9	Leistungsaufnahme
10	Drehzahl
11	Saugseitiger Schallleistungspegel
12	1. Stromart 2. Bemessungsspannung z. B. 230 V 3. Toleranz der Bemessungsspannung z.B. 10 % 4. Bemessungsfrequenz
13	Bemessungsleistungsaufnahme
14	Bemessungsstrom
15	Bemessungsdrehzahl
16	Anlaufstrom
17	Stromerhöhung bezogen auf den Bemessungsstrom bei Drehzahlregelung durch Spannungsabsenkung in %
18	Betriebskondensator C_{400V} bei 1~
19	Max. zulässige Umgebungstemperatur
20	Formel zur Berechnung des dynamischen Drucks

Explanation

1	*Fan*
2	*Airflow*
3	*Fan static pressure*
4	*Operating points*
5	*System resistance curve (example)*
6	*Working point X1 **with** controller, X2 **without** controller if the operating point X1 lies between the curves, the airflow and pressure are interpolated and the operating point can be reached by gradual adjustment of the voltage.*
7	*Voltage*
8	*Current*
9	*Power consumption*
10	*Rated speed*
11	*Suction side sound power level*
12	*1. Type of current* *2. Rated voltage e. g. 230 V* *3. Tolerance of the rated voltage e.g. 10 %* *4. Rated frequency*
13	*Rated power consumption*
14	*Rated current*
15	*Rated speed*
16	*Starting current*
17	*Percentage increase of current based on rated current for speed control by voltage reduction*
18	*Capacitor C_{400V} at 1~*
19	*Maximum permissible ambient temperature*
20	*Formula for calculation of the dynamic pressure*

Gesamtprogramm Lufttechnik

Complete Range

Luft mit IQ!
Luft ist von Natur aus träge. Einflüsse der Natur, wie z. B. Temperaturströme, bringen diese in Bewegung – leider recht unkontrolliert und nicht immer zum Vorteil der Menschheit. Um Wind nutzbar zu machen, empfehlen wir unsere intelligenten Lösungen der Luft und Regeltechnik. Diese ist effektiv, zuverlässig und darüber hinaus auf die Vielzahl an speziellen Anforderungen ausgerichtet. Als weltweit führender Systemlieferant von Ventilatoren mit darauf abgestimmter Regeltechnik finden Sie in unserem Gesamtprogramm mit Sicherheit Ventilatoren für Ihre Branche und Anwendung. Kühle Köpfe überlassen dabei nichts dem Zufall und vertrauen dem umfassenden Know-how von Ziehl-Abegg.

Auszug aus unserem Gesamtprogramm:
Axialventilatoren
Radialventilatoren
Außenläufermotoren
Regeltechnik

Air with IQ!
Air is inert by nature. Influences in nature such as temperature gradients cause it to move – unfortunately, in a rather uncontrolled way, and not always to people's advantage. To make air movement useful, we recommend our intelligent ventilation and control engineering solutions. These are effective, reliable, and in addition, are aimed at a multitude of specific requirements. As the worldwide leading system supplier of fans with matching control engineering, you will certainly be able to find fans for your sector and application in our range. Educated minds don't leave anything to chance. Rather, they trust Ziehl-Abegg's extensive expertise.

Our complete range includes:
Axial fans
Centrifugal fans
External rotor motors
Control technology

Inhaltsverzeichnis

Contents

Axialventilatoren FE2owlet Baureihe FN

Axial fans FE2owlet Series FN

Lieferumfang Standardausführung mit AC-Motoren

Contents of delivery Standard version with AC motors

Spannung
3~ zweitourig 400V ±10% Δ/Y
1~ 230V ±10%

Voltage
3~ two-speed 400V ±10% Δ/Y
1~ 230V ±10%

Frequenz
50Hz
60Hz auf Anfrage

Frequency
50Hz
60Hz on request

Thermische Klasse
THCL 155

Thermal class
THCL 155

Schutzart
IP54

Protection
IP54

Motorschutz
Thermostatschalter (TB)

Motor protection
Thermostat Switch (TB)

Flügelmaterial
siehe Maßblatt

Material of the blades
see dimension sheet

Lackierung
Ventilator unlackiert
Wandringplatte und Motoraufhängung Farbton RAL 9005 schwarz matt

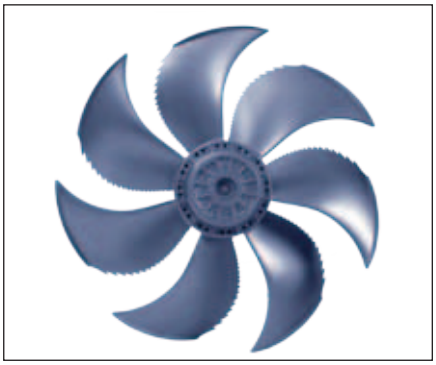
Paint finish
Fan without paint finish
Wall plate and suspension RAL 9005 black matt

Erforderliche Bestellangaben
Artikel-Nr., Typ

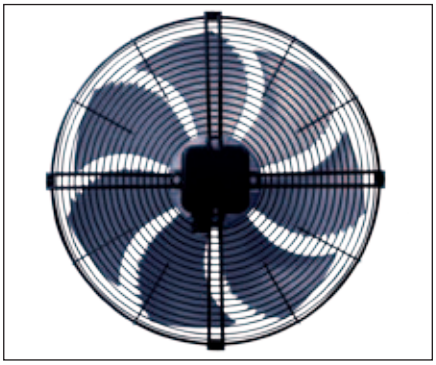
Necessary order data
article no., type

Auf Anfrage
abweichende Versorgungsspannung,
Lackierung,
Bauform,
Zubehör,
EC-Ventilatoren

On request
different voltage supply,
paint finish,
design,
Accessories,
EC fans



FN050 Ausführung Bauform A
FN050 design A



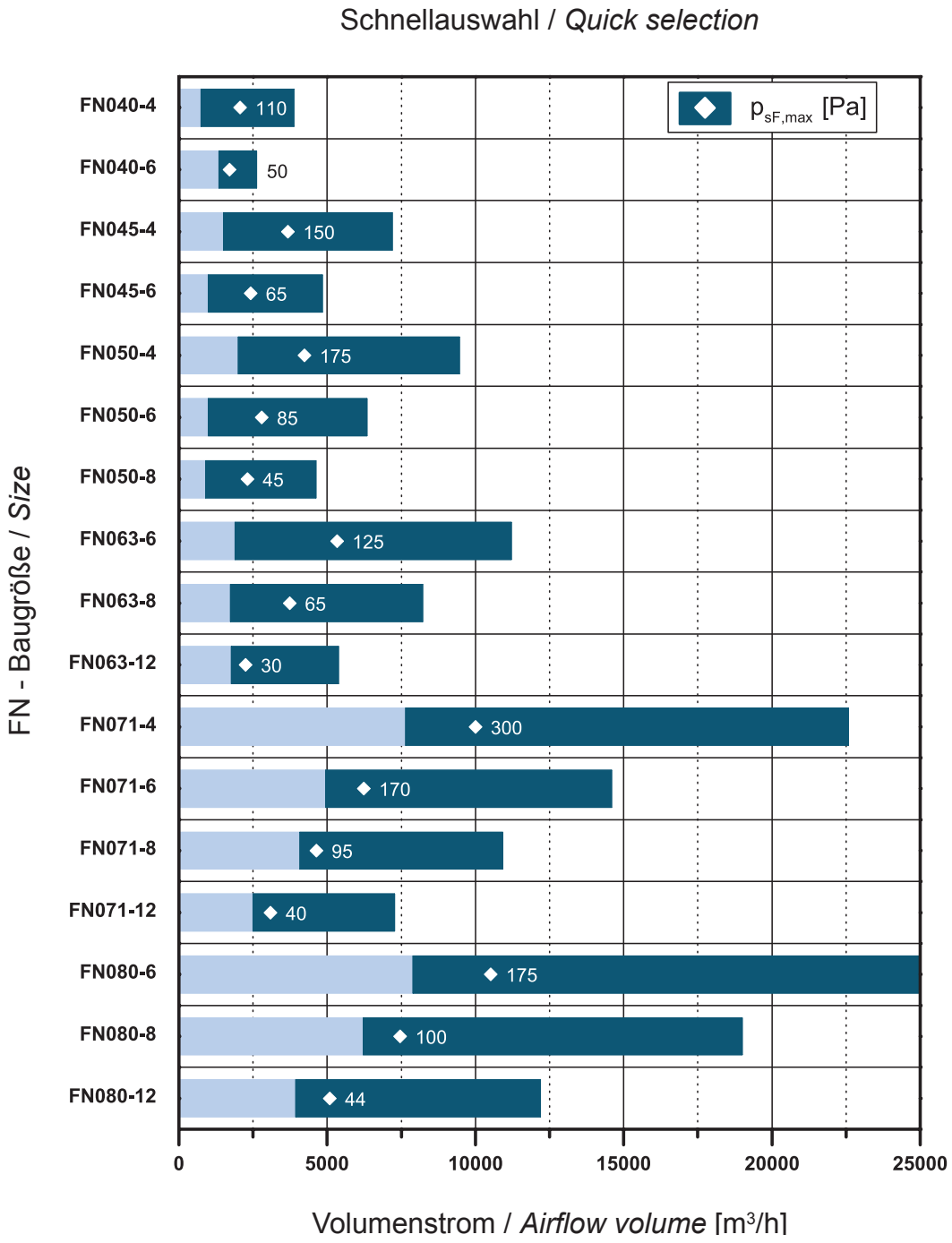
FN050 Ausführung Bauform S mit Ringgitter
FN050 design S with ring grille

FN063 Ausführung Bauform Q mit Ringgitter
FN063 design Q with ring grille

Allgemeine Hinweise siehe Katalog A01

General notes see catalogue A01

Schnellauswahl *Quick selection*



FE2owlet

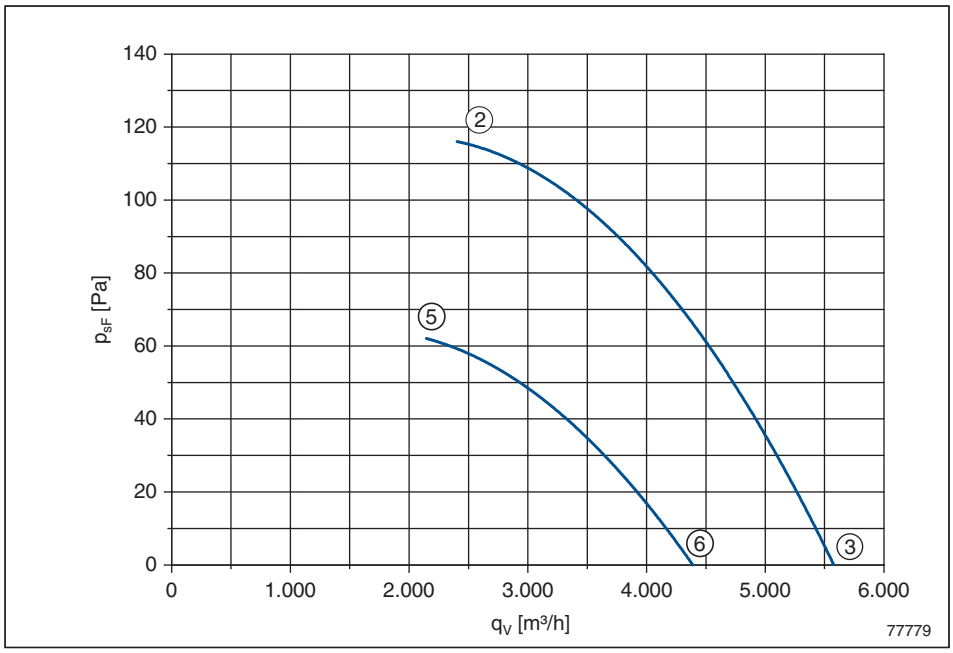
FN045-VD_.2F._7P2

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

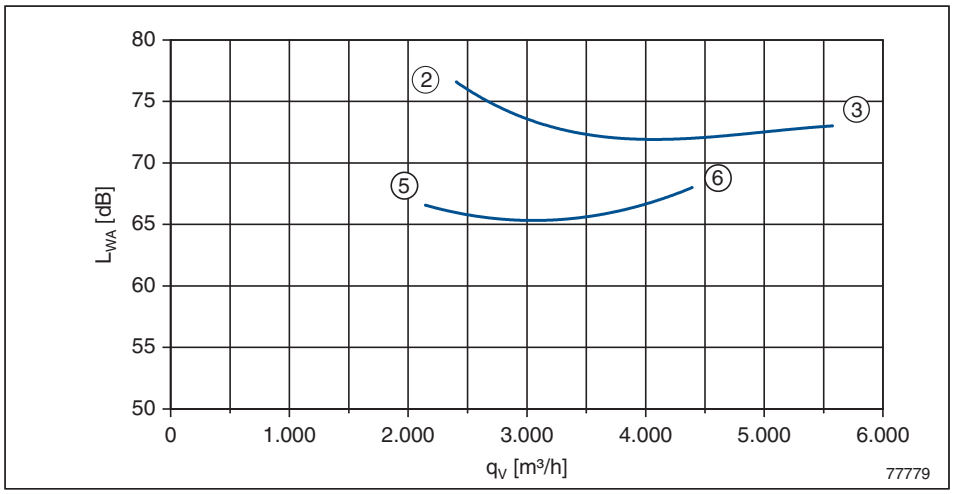
P_1	**0,35/0,22**	kW
I	**0,64/0,35**	A
n	**1250/950**	min^{-1}
I_A	2,0/0,65	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**0,64**	**350**	**1250**
③	Δ	0,57	290	1310
⑤	**400**	**0,35**	**220**	**950**
⑥	Y	0,30	190	1050

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN045-VDA.2F.A7P2	**152 817**	**A**	A	4,6 kg	108XB	L-KL-2741	33
FN045-VDD.2F.A7P2	**152 818**	**D**	A	6,1 kg	108XB	L-KL-2743	34
FN045-VDL.2F.A7P2	**152 819**	**L**	A	9,5 kg	108XB	L-KL-2745	35
FN045-VDW.2F.A7P2	**152 820**	**W**	A	6,3 kg	108XB	L-KL-2748	36
FN045-VDA.2F.V7P2	**152 821**	**A**	V	4,6 kg	108XA	L-KL-2742	37
FN045-VDI.2F.V7P2	**152 822**	**I**	V	6,1 kg	108XA	L-KL-2744	38
FN045-VDH.2F.V7P2	**152 823**	**H**	V	9,5 kg	108XA	L-KL-2746	39
FN045-VDK.2F.V7P2	**152 824**	**K**	V	6,6 kg	108XA	L-KL-2747	40
FN045-VDQ.2F.V7P2	**152 878**	**Q**	V	10 kg	108XA	L-KL-2811	41

FE2owlet

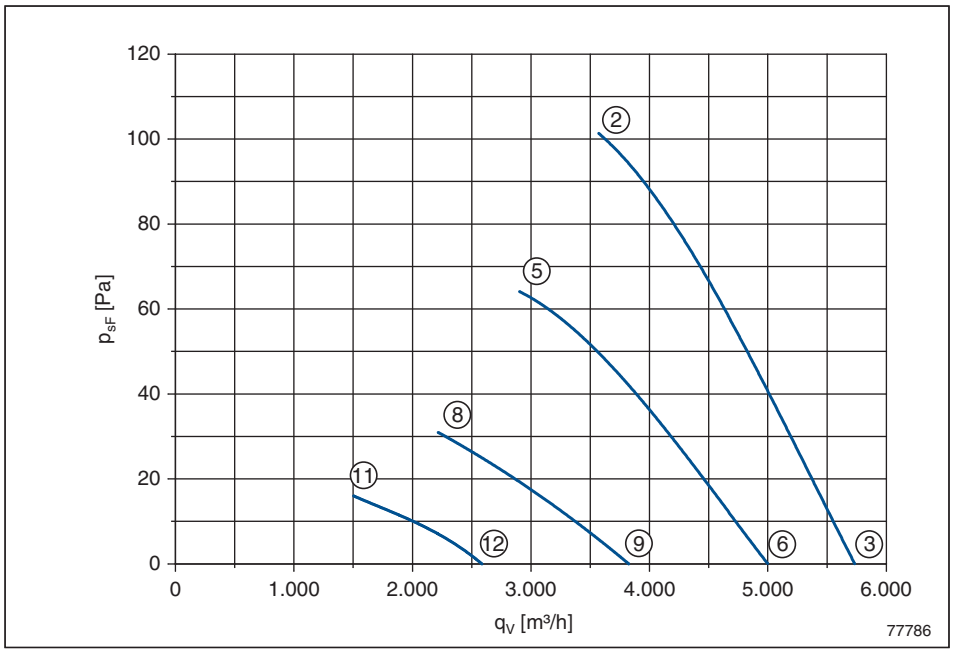
FN045-4E_.2F._7P2

Leistungsdaten
Performance data

1~ 230V ±10% 50Hz

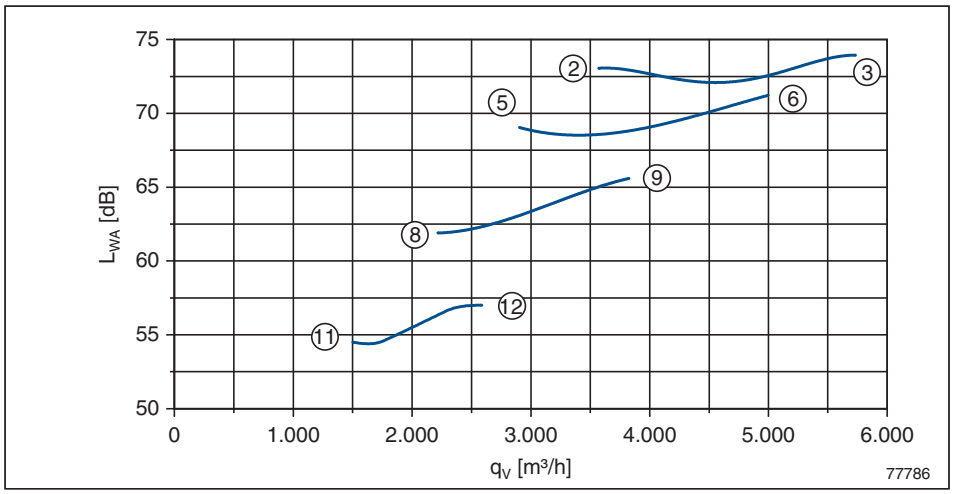
P_1	**0,39**	kW
I	**1,75**	A
n	**1290**	min^{-1}
I_A	4,0	A
ΔI	10	%
C_{400V}	7	µF
t_R	55	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**230**	**1,75**	**390**	**1290**
③		1,50	330	1340
⑤	170	1,90	320	1040
⑥		1,60	270	1180
⑧	135	1,80	240	760
⑨		1,70	220	920
⑪	110	1,55	160	530
⑫		1,50	160	630

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN045-4EA.2F.A7P2	**141 708**	**A**	A	4,6 kg	104XB	L-KL-2741	33
FN045-4ED.2F.A7P2	**141 709**	**D**	A	6,1 kg	104XB	L-KL-2743	34
FN045-4EL.2F.A7P2	**141 710**	**L**	A	9,5 kg	104XB	L-KL-2745	35
FN045-4EW.2F.A7P2	**141 711**	**W**	A	6,3 kg	104XB	L-KL-2748	36
FN045-4EA.2F.V7P2	**141 712**	**A**	V	4,6 kg	104XA	L-KL-2742	37
FN045-4EI.2F.V7P2	**141 713**	**I**	V	6,1 kg	104XA	L-KL-2744	38
FN045-4EH.2F.V7P2	**141 714**	**H**	V	9,5 kg	104XA	L-KL-2746	39
FN045-4EK.2F.V7P2	**141 715**	**K**	V	6,6 kg	104XA	L-KL-2747	40
FN045-4EQ.2F.V7P2	**152 877**	**Q**	V	10 kg	104XA	L-KL-2811	41

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FE2owlet

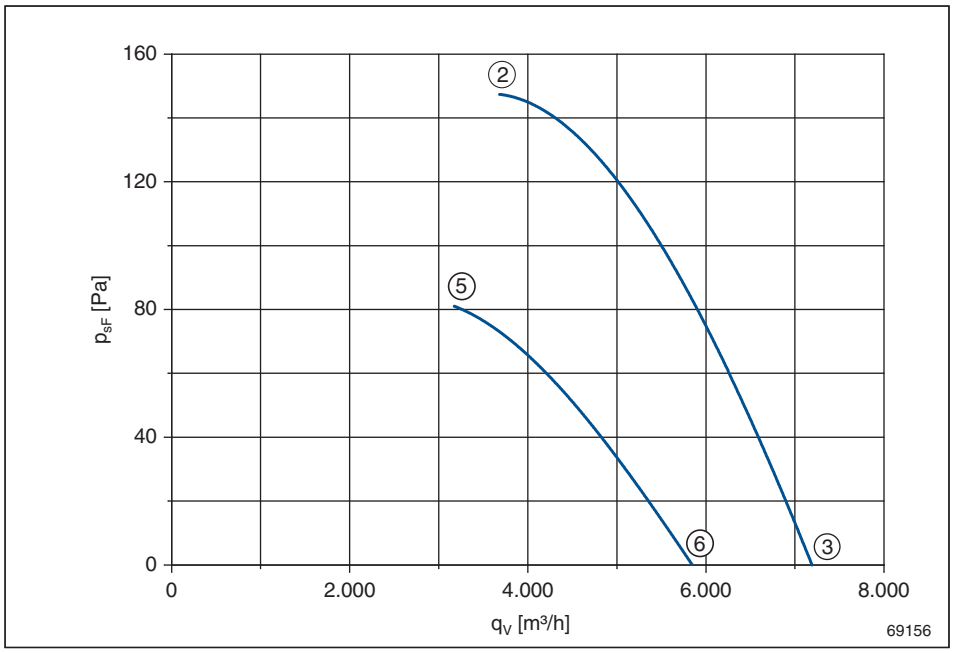
FN045-VD_.4F._7P1

Leistungsdaten
Performance data

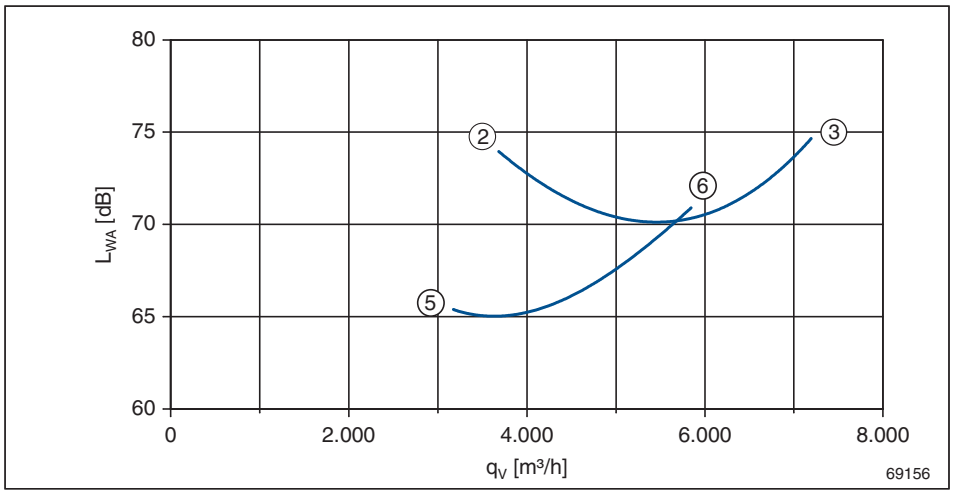
3~ 400V ±10% Δ/Y 50Hz

P_1	**0,54/0,37**	kW
I	**1,10/0,68**	A
n	**1350/1020**	min^{-1}
I_A	3,8/2,6	A
ΔI	10	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**1,10**	**540**	**1350**
③	Δ	0,96	450	1390
⑤	**400**	**0,68**	**370**	**1020**
⑥	Y	0,60	330	1130



$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN045-VDA.4F.A7P1	**140 102**	**A**	A	9,1 kg	108XB	L-KL-2656	26
FN045-VDQ.4F.A7P1	**140 106**	**Q**	A	15 kg	108XB	L-KL-2660	27
FN045-VDA.4F.V7P1	**140 092**	**A**	V	9,1 kg	108XA	L-KL-2657	28
FN045-VDK.4F.V7P1	**140 110**	**K**	V	11 kg	108XA	L-KL-2659	29
FN045-VDQ.4F.V7P1	**140 114**	**Q**	V	14 kg	108XA	L-KL-2661	30
FN045-VDF.4F.V7P1	**140 118**	**F***	V	14 kg	108XA	L-KL-2662	31
FN045-VDF.4F.V7P1	**140 538**	**F****	V	15 kg	108XA	L-KL-2658	32

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

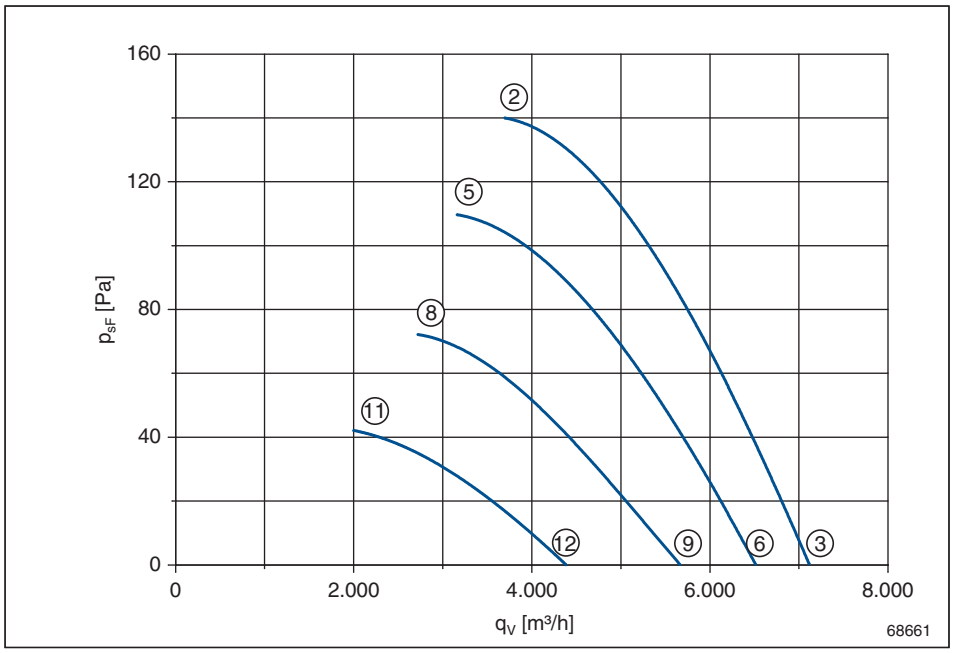
FN045-4E_.4I._7P1

Leistungsdaten
Performance data

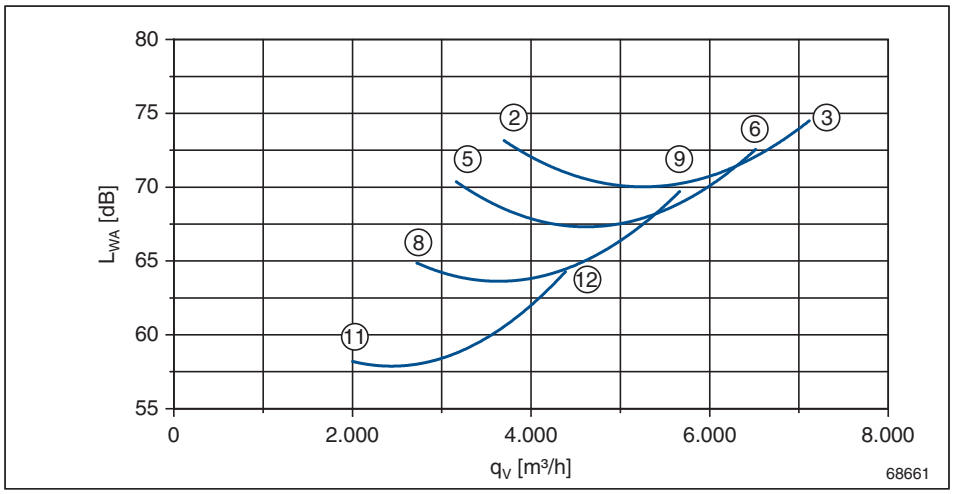
1~ 230V ±10% 50Hz

P_1	**0,55**	kW
I	**2,5**	A
n	**1320**	min^{-1}
I_A	6,3	A
ΔI	5	%
C_{400V}	14	µF
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**230**	**2,5**	**550**	**1320**
③		2,2	480	1360
⑤	170	2,6	430	1170
⑥		2,2	380	1250
⑧	135	2,6	340	950
⑨		2,3	310	1090
⑪	110	2,4	240	720
⑫		2,2	230	850



$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN045-4EA.4I.A7P1	**140 103**	**A**	A	11 kg	104XB	L-KL-2656	26
FN045-4EQ.4I.A7P1	**140 107**	**Q**	A	16 kg	104XB	L-KL-2660	27
FN045-4EA.4I.V7P1	**140 099**	**A**	V	11 kg	104XA	L-KL-2657	28
FN045-4EK.4I.V7P1	**140 111**	**K**	V	13 kg	104XA	L-KL-2659	29
FN045-4EQ.4I.V7P1	**140 115**	**Q**	V	16 kg	104XA	L-KL-2661	30
FN045-4EF.4I.V7P1	**140 119**	**F***	V	16 kg	104XA	L-KL-2662	31
FN045-4EF.4I.V7P1	**140 539**	**F****	V	16 kg	104XA	L-KL-2658	32

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

ZIEHL-ABEGG

FE2owlet

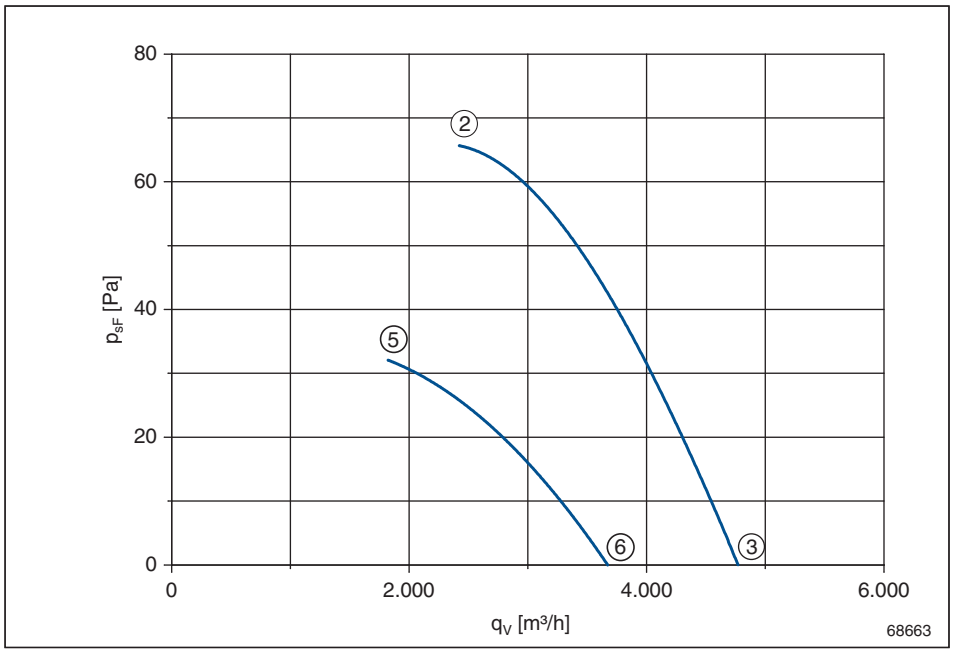
FN045-SD_.4F._7P1

Leistungsdaten
Performance data

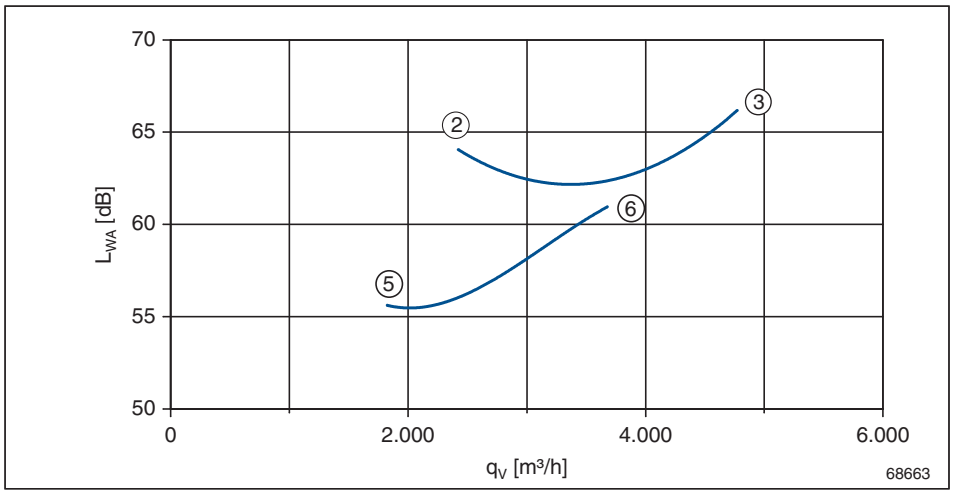
3~ 400V ±10% Δ/Y 50Hz

P_1	**0,18/0,10**	kW
I	**0,49/0,25**	A
n	**900/630**	min^{-1}
I_A	1,23/0,71	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**0,49**	**180**	**900**
③	Δ	0,46	150	920
⑤	**400**	**0,25**	**100**	**630**
⑥	Y	0,24	96	710



$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN045-SDA.4F.A7P1	**140 104**	**A**	A	9,1 kg	108XB	L-KL-2656	26
FN045-SDQ.4F.A7P1	**140 108**	**Q**	A	15 kg	108XB	L-KL-2660	27
FN045-SDA.4F.V7P1	**140 100**	**A**	V	9,1 kg	108XA	L-KL-2657	28
FN045-SDK.4F.V7P1	**140 112**	**K**	V	11 kg	108XA	L-KL-2659	29
FN045-SDQ.4F.V7P1	**140 116**	**Q**	V	14 kg	108XA	L-KL-2661	30
FN045-SDF.4F.V7P1	**140 120**	**F***	V	14 kg	108XA	L-KL-2662	31
FN045-SDF.4F.V7P1	**140 540**	**F****	V	15 kg	108XA	L-KL-2658	32

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

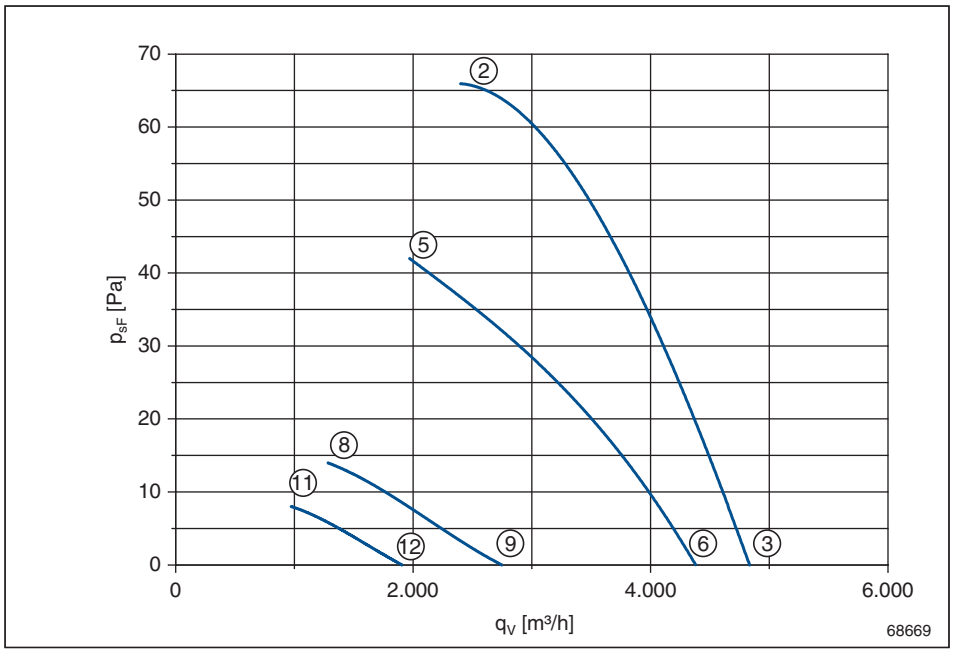
FN045-6E_.4F._7P1

Leistungsdaten
Performance data

1~ 230V ±10% 50Hz

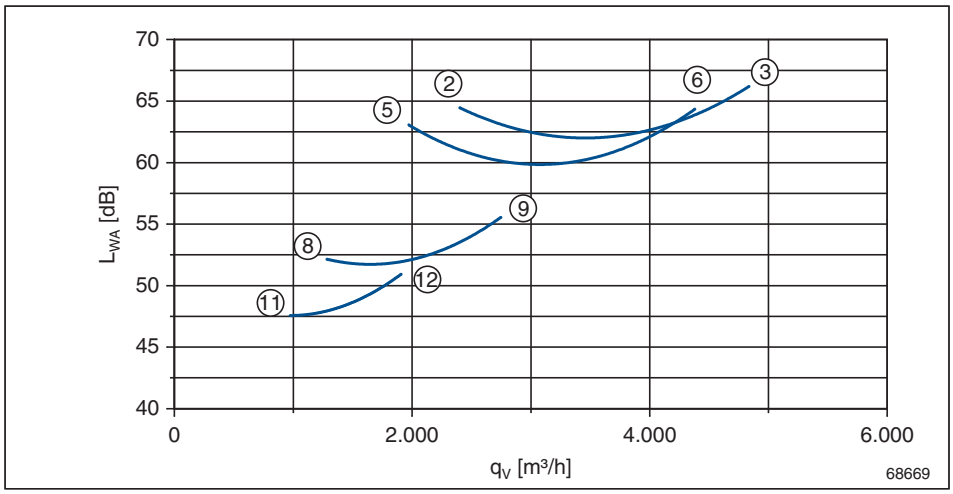
P_1	**0,19**	kW
I	**0,9**	A
n	**910**	min^{-1}
I_A	2,5	A
ΔI	20	%
C_{400V}	6	µF
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**230**	**0,9**	**190**	**910**
③		0,78	160	930
⑤	170	0,93	140	800
⑥		0,84	130	840
⑧	135	0,96	100	420
⑨		0,93	100	530
⑪	110	0,79	70	310
⑫		0,78	70	370

$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN045-6EA.4F.A7P1	**140 105**	**A**	A	9,1 kg	104XB	L-KL-2656	26
FN045-6EQ.4F.A7P1	**140 109**	**Q**	A	15 kg	104XB	L-KL-2660	27
FN045-6EA.4F.V7P1	**140 101**	**A**	V	9,1 kg	104XA	L-KL-2657	28
FN045-6EK.4F.V7P1	**140 113**	**K**	V	11 kg	104XA	L-KL-2659	29
FN045-6EQ.4F.V7P1	**140 117**	**Q**	V	14 kg	104XA	L-KL-2661	30
FN045-6EF.4F.V7P1	**140 537**	**F***	V	14 kg	104XA	L-KL-2662	31
FN045-6EF.4F.V7P1	**140 541**	**F****	V	15 kg	104XA	L-KL-2658	32

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

ZIEHL-ABEGG

FE2owlet

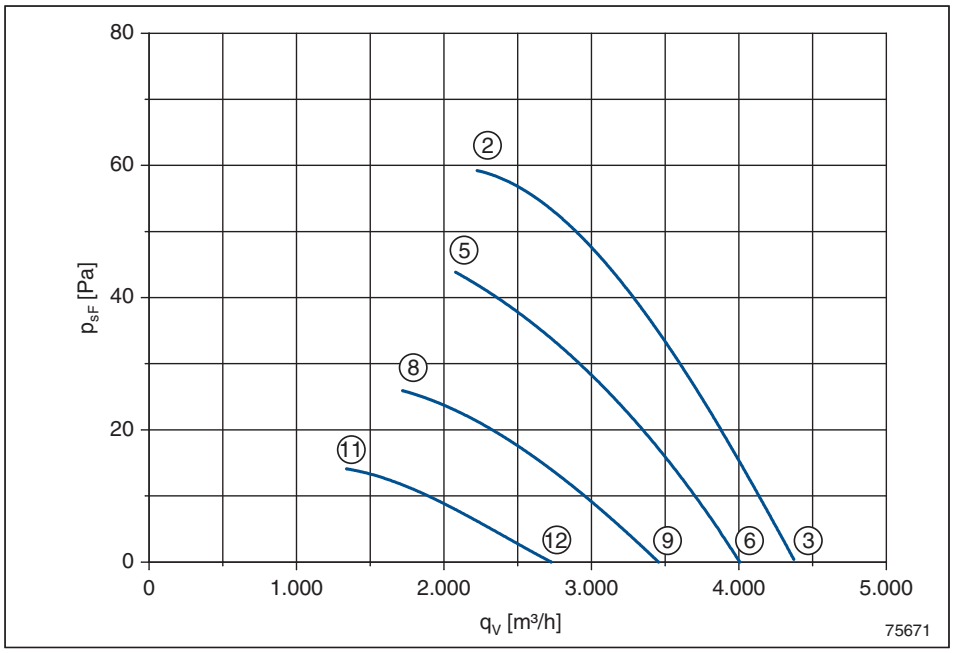
FN045-6E_.2F._7P3

Leistungsdaten
Performance data

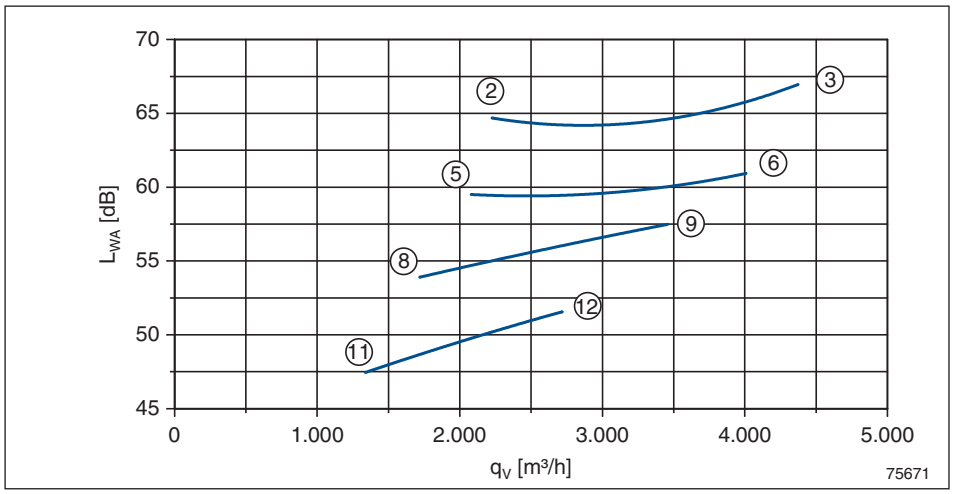
1~ 230V ±10% 50Hz

P_1	**0,18**	kW
I	**0,82**	A
n	**860**	min^{-1}
I_A	1,5	A
ΔI	0	%
C_{400V}	6	µF
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**230**	**0,82**	**180**	**860**
③		0,73	160	900
⑤	170	0,77	130	760
⑥		0,65	110	830
⑧	135	0,73	97	600
⑨		0,64	86	720
⑪	110	0,65	69	450
⑫		0,61	66	570



$p_{d2} = 1{,}8 \cdot 10^{-6} \cdot q_V^2$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

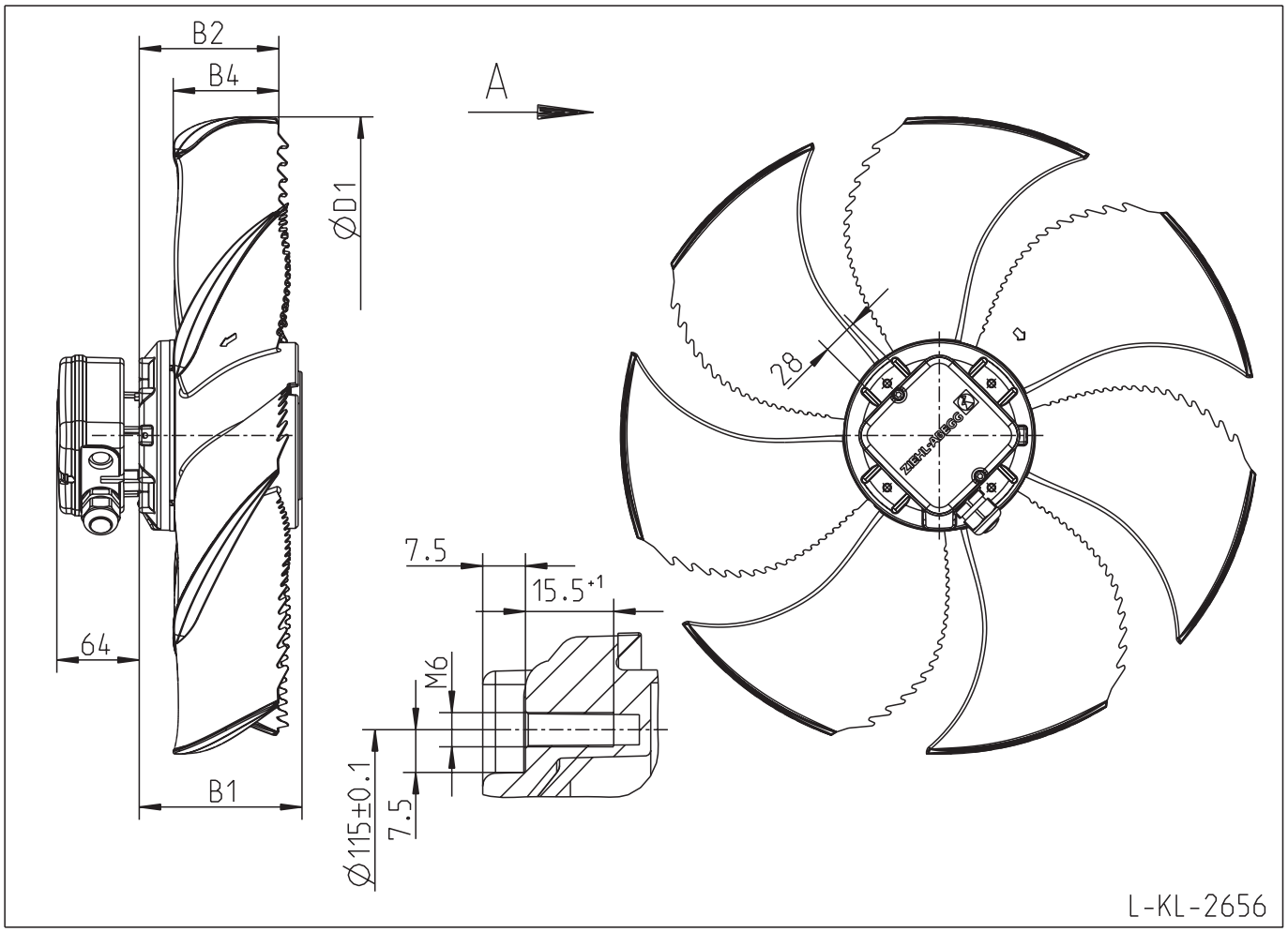
Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN045-6EA.2F.A7P3	**141 700**	**A**	A	4,7 kg	104XB	L-KL-2741	33
FN045-6ED.2F.A7P3	**141 701**	**D**	A	6,2 kg	104XB	L-KL-2743	34
FN045-6EL.2F.A7P3	**141 702**	**L**	A	9,6 kg	104XB	L-KL-2745	35
FN045-6EW.2F.A7P3	**141 703**	**W**	A	6,4 kg	104XB	L-KL-2748	36
FN045-6EA.2F.V7P3	**141 704**	**A**	V	4,7 kg	104XA	L-KL-2742	37
FN045-6EI.2F.V7P3	**141 705**	**I**	V	6,2 kg	104XA	L-KL-2744	38
FN045-6EH.2F.V7P3	**141 706**	**H**	V	9,6 kg	104XA	L-KL-2746	39
FN045-6EK.2F.V7P3	**141 707**	**K**	V	6,7 kg	104XA	L-KL-2747	40
FN045-6EQ.2F.V7P3	**152 876**	**Q**	V	10 kg	104XA	L-KL-2811	41

FE2owlet

FN045-_ _A.4_.A7P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



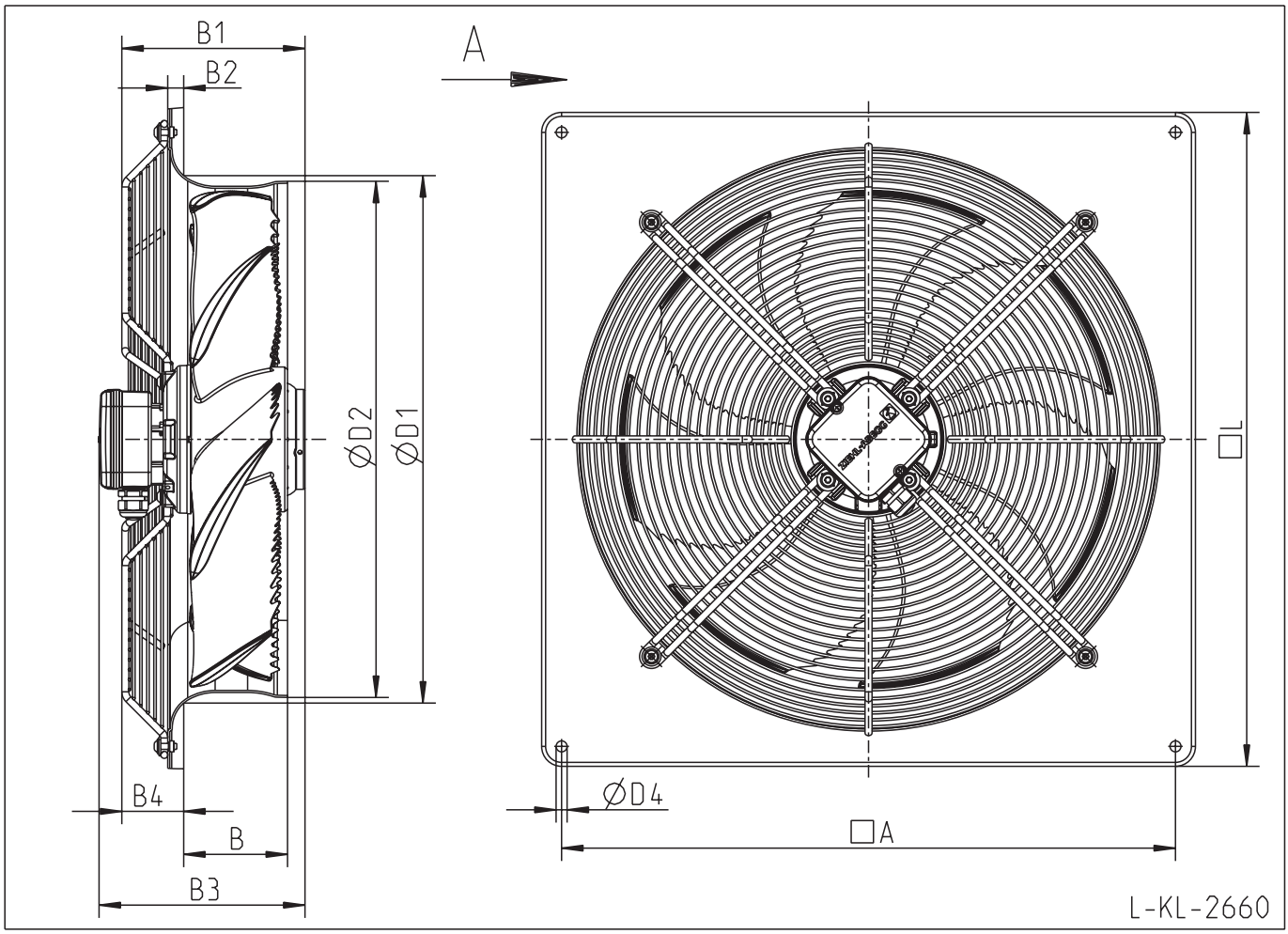
L-KL-2656

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN045-4EA.4I.A7P1	**140 103**	162	107	77	446
FN045-VDA.4F.A7P1	**140 102**	142	107	77	446
FN045-6EA.4F.A7P1	**140 105**	142	107	77	446
FN045-SDA.4F.A7P1	**140 104**	142	107	77	446

FE2owlet

FN045-_ _Q.4_.A7P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



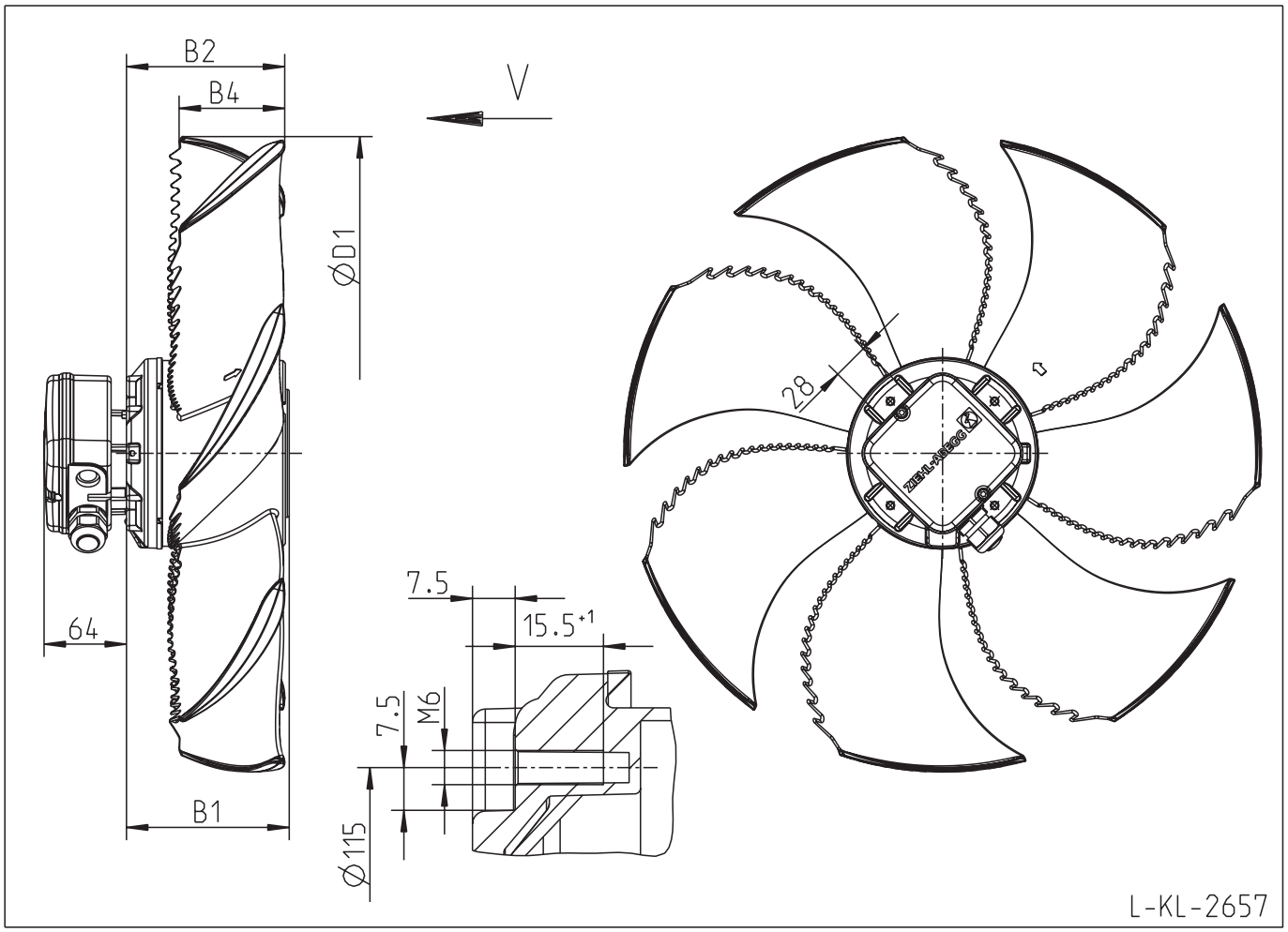
L-KL-2660

Typ *Type*	Artikel-Nr. *Article no.*	A	B	B1	B2	B3	B4	D1	D2	D4	L
FN045-4EQ.4I.A7P1	**140 107**	535	96	191	14	226	47	480	463	11	575
FN045-VDQ.4F.A7P1	**140 106**	535	96	171	14	206	47	480	463	11	575
FN045-6EQ.4F.A7P1	**140 109**	535	96	171	14	206	47	480	463	11	575
FN045-SDQ.4F.A7P1	**140 108**	535	96	171	14	206	47	480	463	11	575

FE2owlet

FN045-_ _A.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



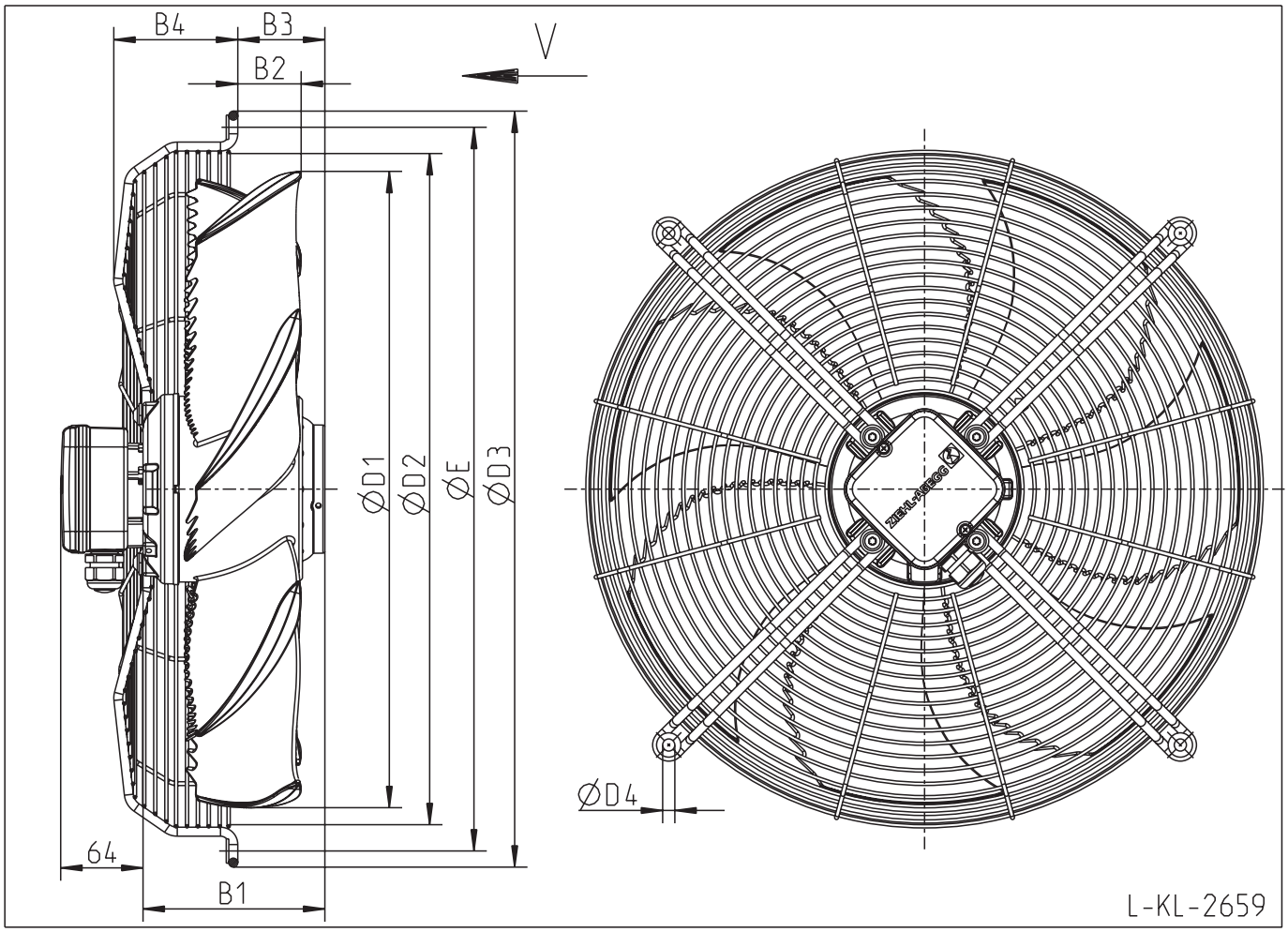
L-KL-2657

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN045-4EA.4I.V7P1	**140 099**	162	121	77	446
FN045-VDA.4F.V7P1	**140 092**	142	121	77	446
FN045-6EA.4F.V7P1	**140 101**	142	121	77	446
FN045-SDA.4F.V7P1	**140 100**	142	121	77	446

FE2owlet

FN045-_ _K.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**K**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



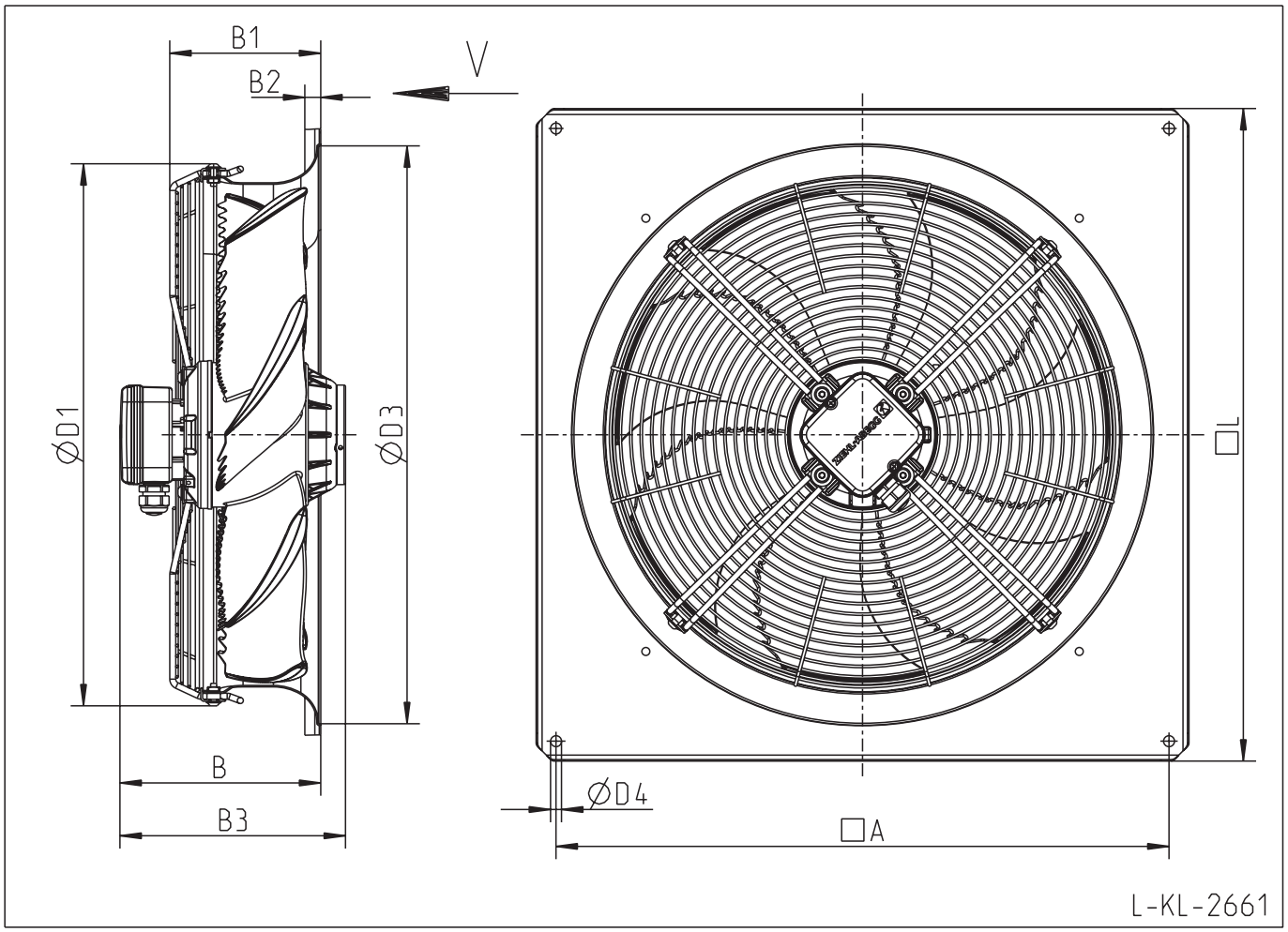
L-KL-2659

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1	D2	D3	D4	E
FN045-4EK.4I.V7P1	**140 111**	162	48	89	96	446	474	539	9,5	515
FN045-VDK.4F.V7P1	**140 110**	142	48	69	96	446	474	539	9,5	515
FN045-6EK.4F.V7P1	**140 113**	142	48	69	96	446	474	539	9,5	515
FN045-SDK.4F.V7P1	**140 112**	142	48	69	96	446	474	539	9,5	515

FE2owlet

FN045-_ _Q.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2661

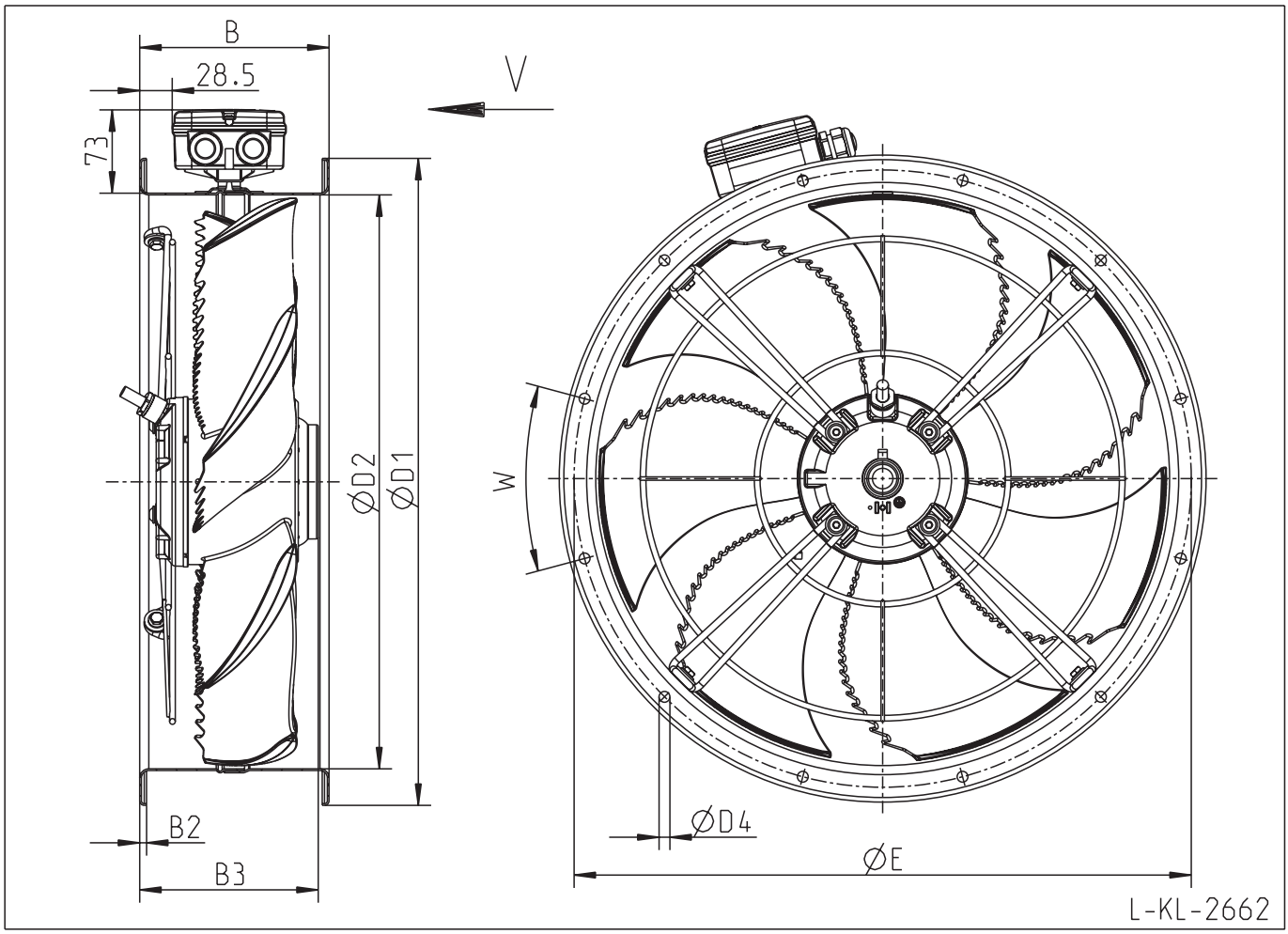
Typ *Type*	Artikel-Nr. *Article no.*	A	B	B1	B2	B3	D1	D3	D4	L
FN045-4EQ.4I.V7P1	**140 115**	535	194	155	14	226	490	530	11	575
FN045-VDQ.4F.V7P1	**140 114**	535	194	155	14	206	490	530	11	575
FN045-6EQ.4F.V7P1	**140 117**	535	194	155	14	206	490	530	11	575
FN045-SDQ.4F.V7P1	**140 116**	535	194	155	14	206	490	530	11	575

FE2owlet

FN045-_ _F.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**F*)**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*

*) ohne Berührschutz / *without guard grille*



L-KL-2662

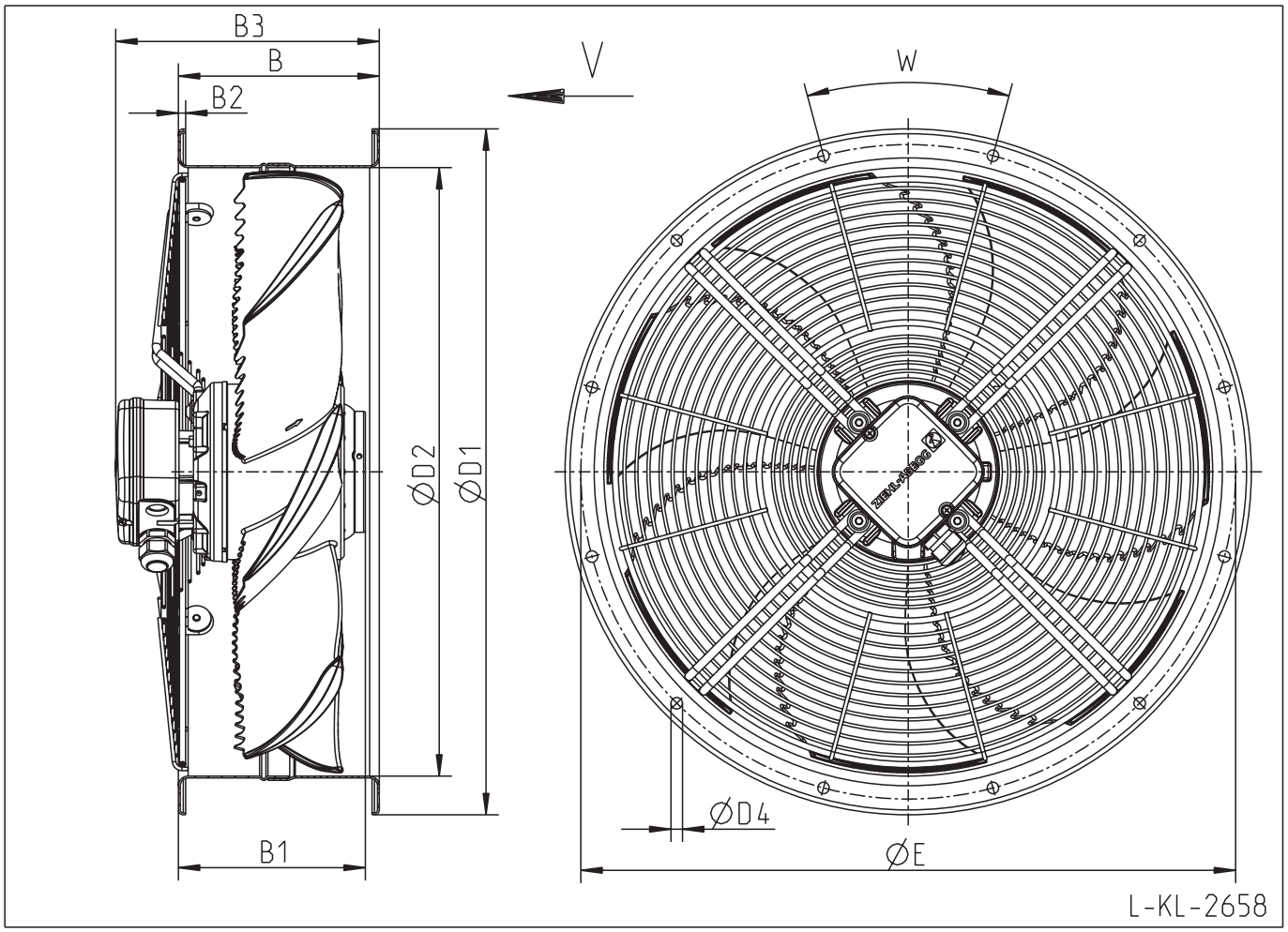
Typ *Type*	Artikel-Nr. *Article no.*	B	B2	B3	D1	D2	D4	E	W
FN045-4EF.4I.V7P1	**140 119**	160	6	177	515	451	9,5	487	12x30°
FN045-VDF.4F.V7P1	**140 118**	160	6	157	515	451	9,5	487	12x30°
FN045-6EF.4F.V7P1	**140 537**	160	6	157	515	451	9,5	487	12x30°
FN045-SDF.4F.V7P1	**140 120**	160	6	157	515	451	9,5	487	12x30°

FE2owlet

FN045-_ _F.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**F*)**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*

*) mit Berührschutz / *with guard grille*



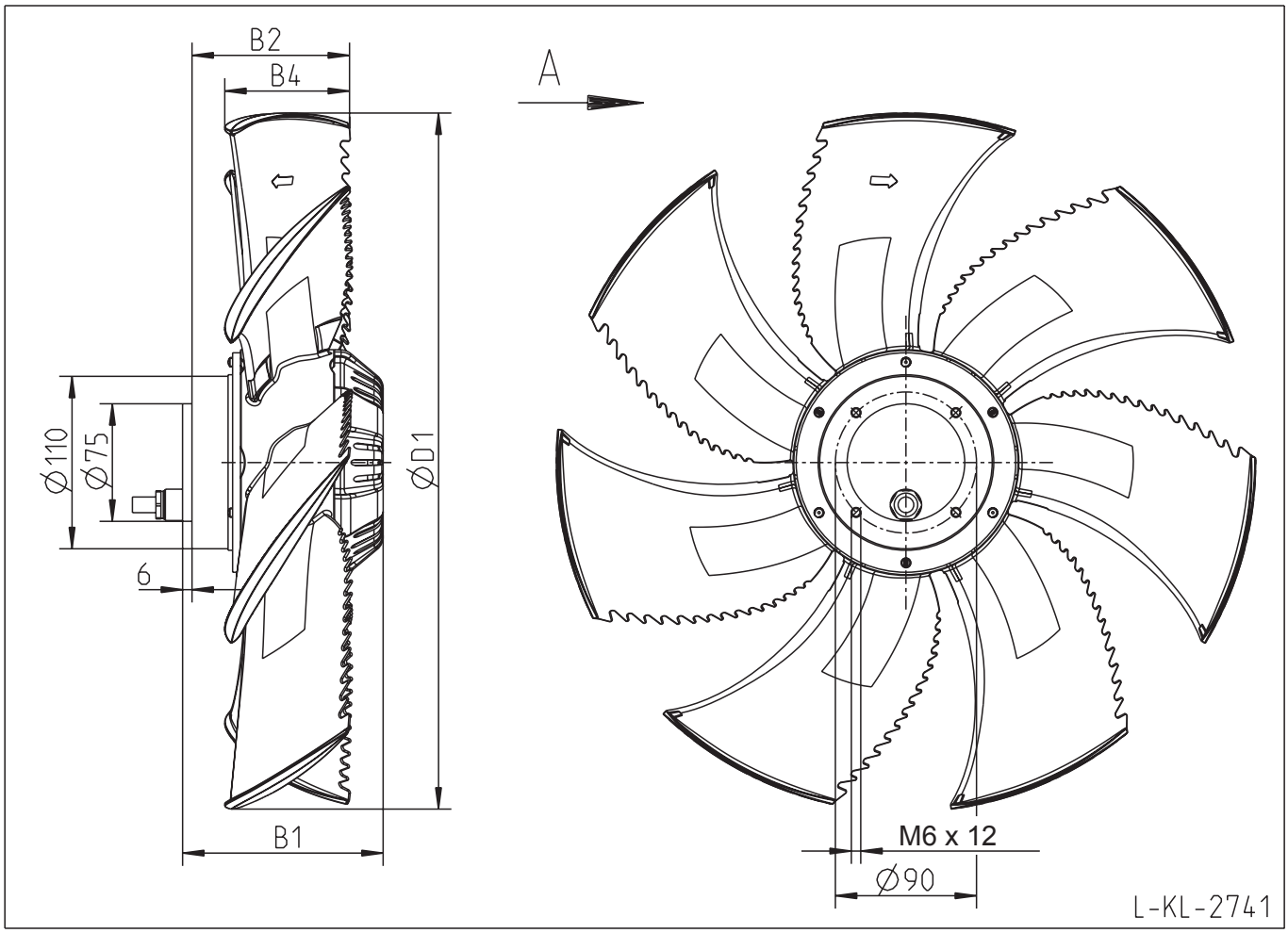
L-KL-2658

Typ *Type*	Artikel-Nr. *Article no.*	B	B1	B2	B3	D1	D2	D4	E	W
FN045-4EF.4I.V7P1	**140 539**	160	177	6	209	515	451	9,5	487	12x30°
FN045-VDF.4F.V7P1	**140 538**	160	157	6	209	515	451	9,5	487	12x30°
FN045-6EF.4I.V7P1	**140 541**	160	177	6	209	515	451	9,5	487	12x30°
FN045-SDF.4I.V7P1	**140 540**	160	177	6	209	515	451	9,5	487	12x30°

FE2owlet

FN045-_ _A.2F.A7P_

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



L-KL-2741

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN045-VDA.2F.A7P2	**152 817**	122	100	61	446
FN045-4EA.2F.A7P2	**141 708**	122	100	61	446
FN045-6EA.2F.A7P3	**141 700**	128	101	80	446

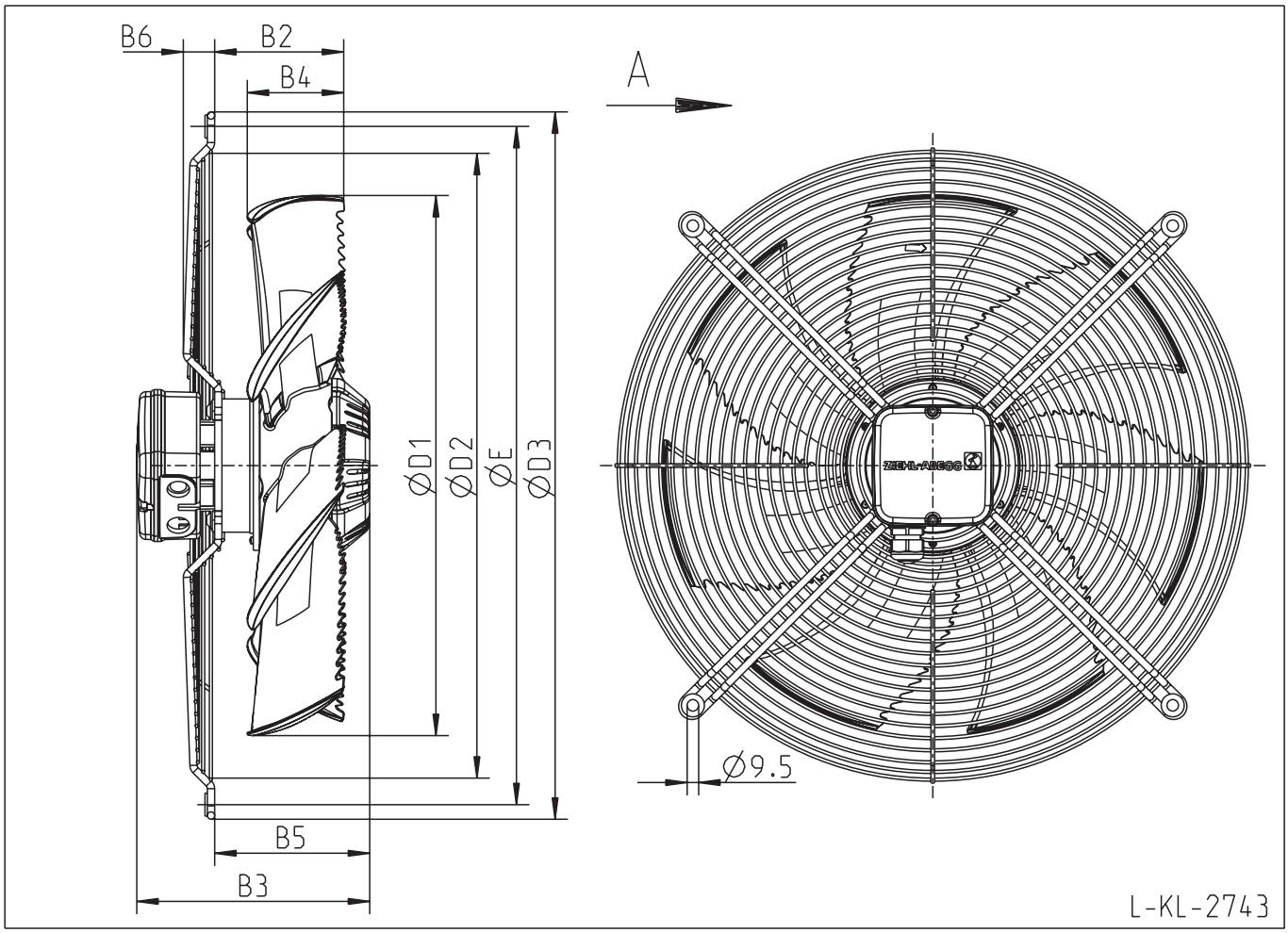
Elektrischer Anschluss
Anschlusskabel, Länge 55 cm

Electrical connection
Connection cable, length 55 cm

FE2owlet

FN045-_ _D.2F.A7P_

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**D**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



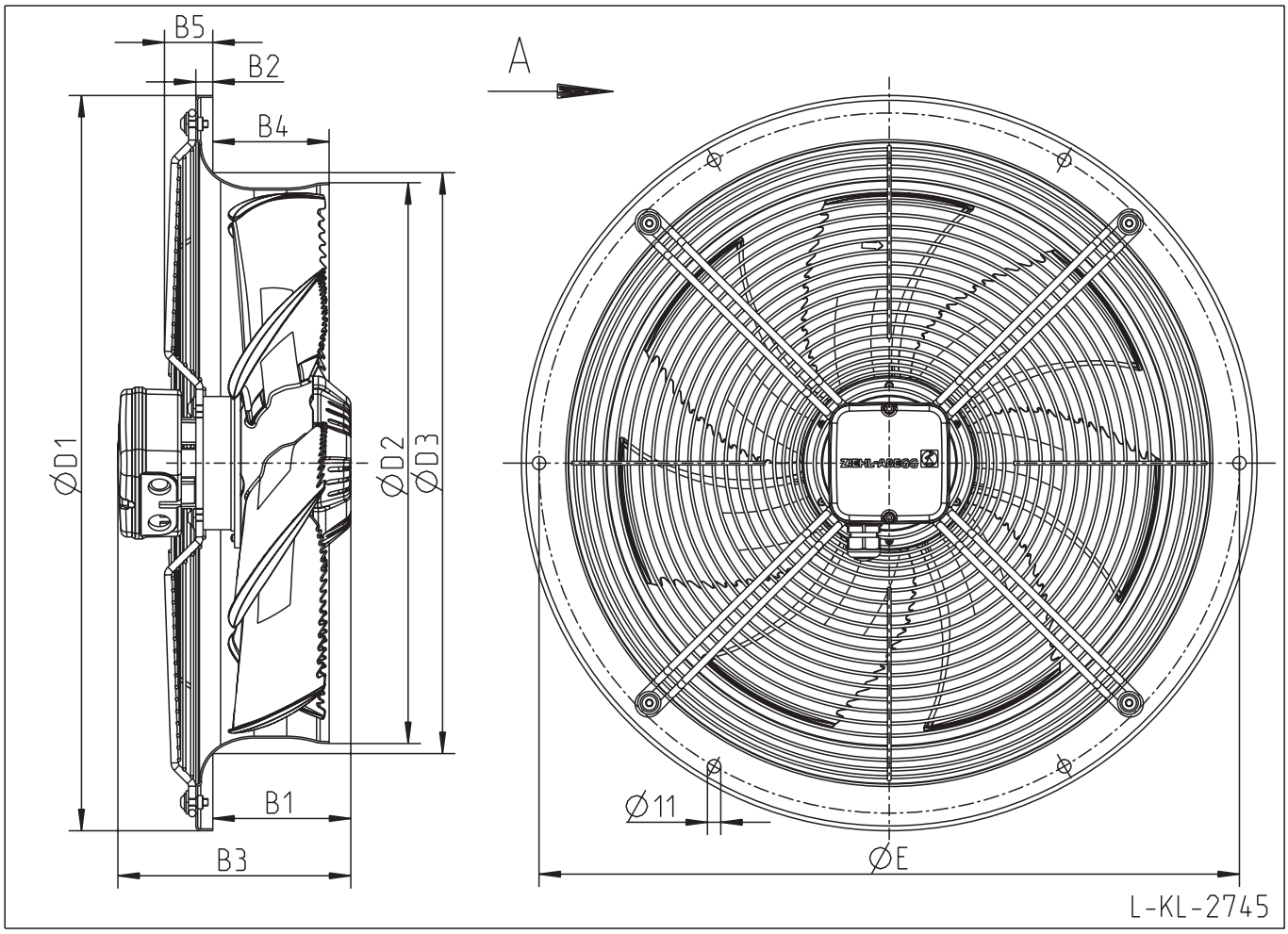
L-KL-2743

Typ *Type*	Artikel-Nr. *Article no.*	B2	B3	B4	B5	B6	D1	D2	D3	E
FN045-VDD.2F.A7P2	**152 818**	106	186	61	122	26	446	515	584	560
FN045-4ED.2F.A7P2	**141 709**	106	186	61	122	26	446	515	584	560
FN045-6ED.2F.A7P3	**141 701**	107	192	80	128	26	446	515	584	560

FE2owlet

FN045-_ _L.2F.A7P_

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**L**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



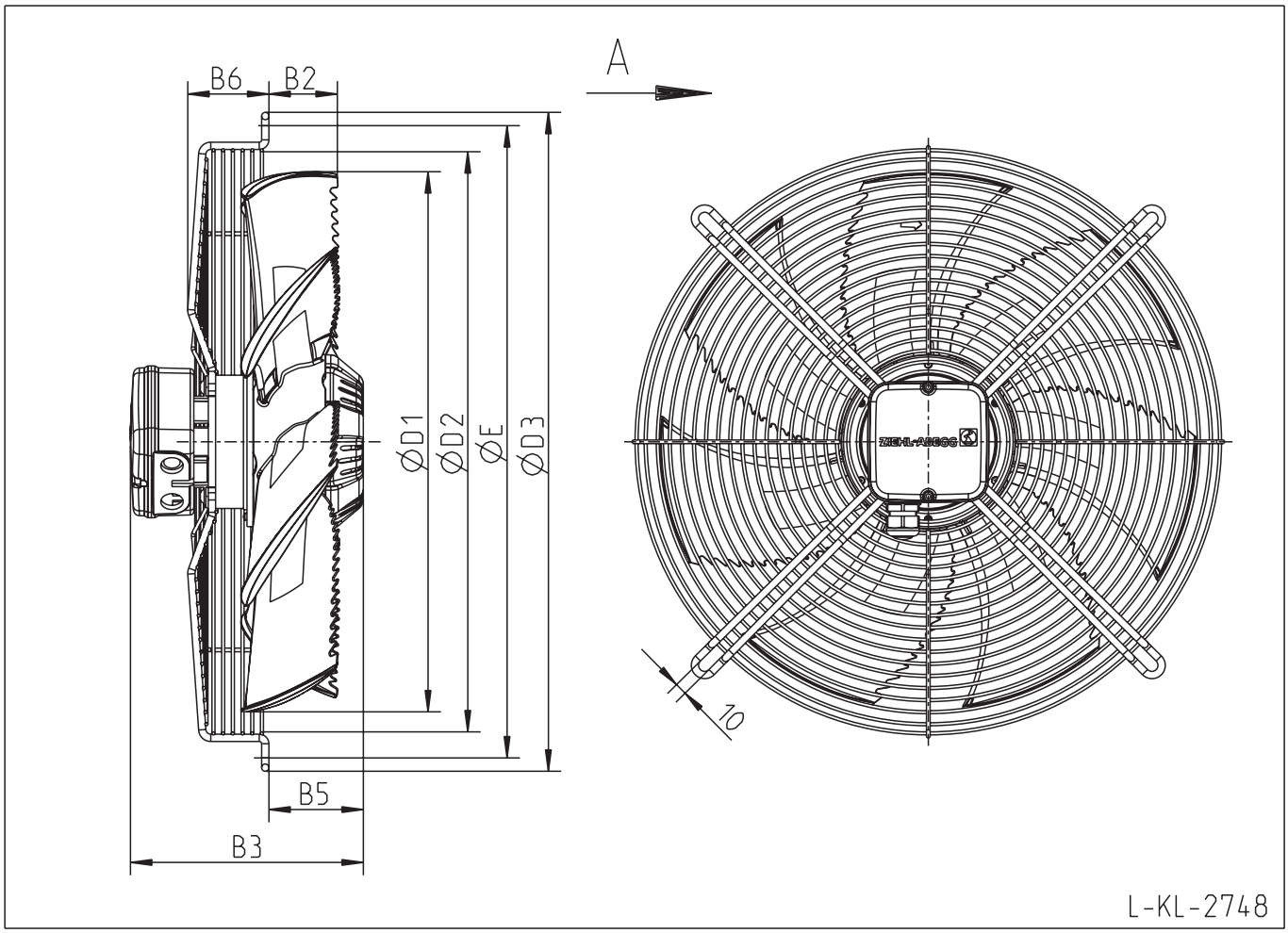
L-KL-2745

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	B5	D1	D2	D3	E
FN045-VDL.2F.A7P2	**152 819**	108	14	186	96	40	607	463	480	578
FN045-4EL.2F.A7P2	**141 710**	108	14	186	96	40	607	463	480	578
FN045-6EL.2F.A7P3	**141 702**	114	14	192	96	40	607	463	480	578

FE2owlet

FN045-_ _W.2F.A7P_

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**W**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



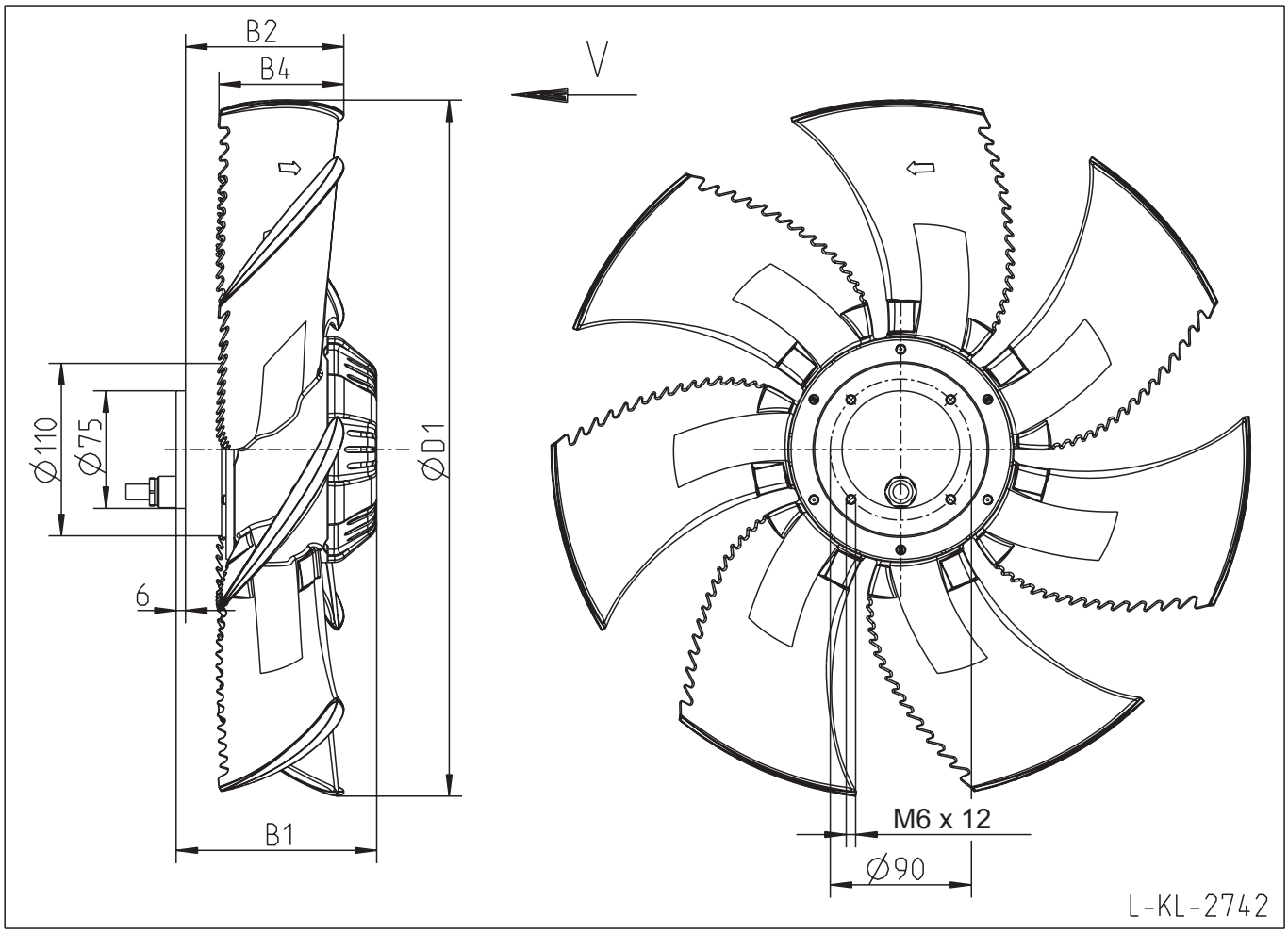
L-KL-2748

Typ *Type*	Artikel-Nr. *Article no.*	B2	B3	B5	B6	D1	D2	D3	E
FN045-VDW.2F.A7P2	**152 820**	57	186	72	67	446	479	544	522
FN045-4EW.2F.A7P2	**141 711**	57	186	72	67	446	479	544	522
FN045-6EW.2F.A7P3	**141 703**	57	192	78	67	446	479	544	522

FE2owlet

FN045-_ _A.2F.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



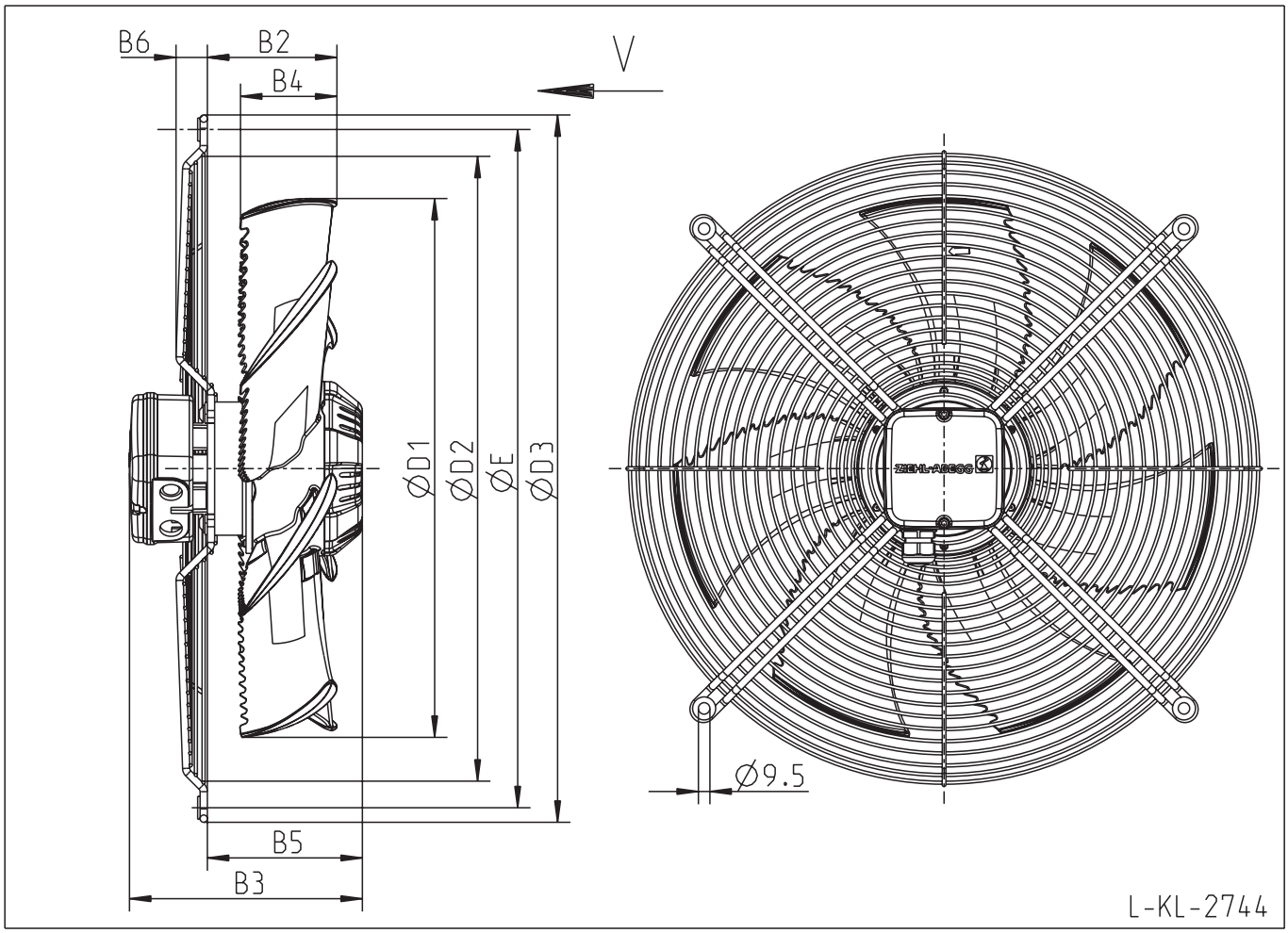
L-KL-2742

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN045-VDA.2F.V7P2	**152 821**	122	84	61	446
FN045-4EA.2F.V7P2	**141 712**	122	84	61	446
FN045-6EA.2F.V7P3	**141 704**	128	101	80	446

FE2owlet

FN045-_ _I.2F.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**I**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



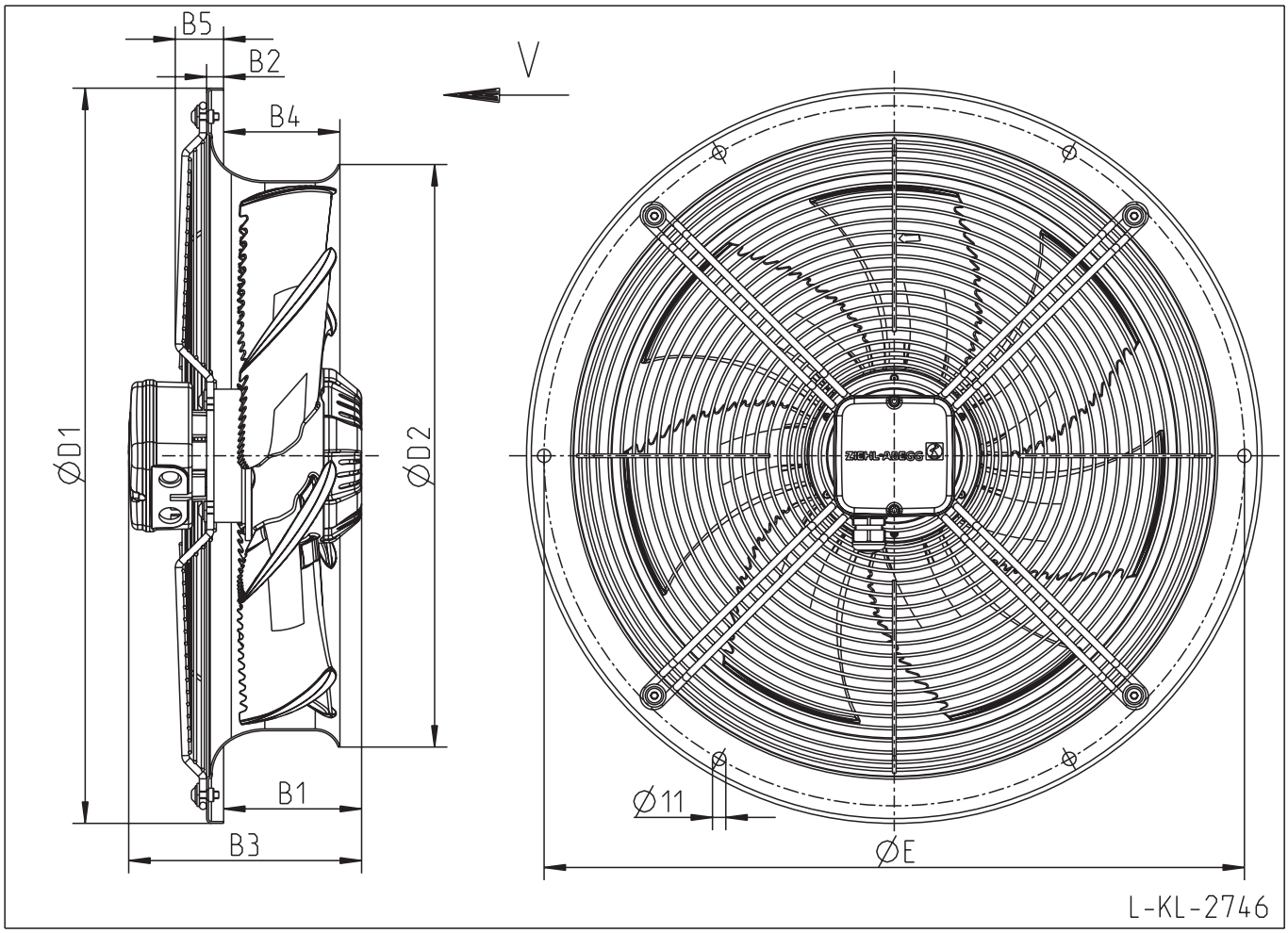
L-KL-2744

Typ *Type*	Artikel-Nr. *Article no.*	B2	B3	B4	B5	B6	D1	D2	D3	E
FN045-VDI.2F.V7P2	**152 822**	90	186	61	122	26	446	515	584	560
FN045-4EI.2F.V7P2	**141 713**	90	186	61	122	26	446	515	584	560
FN045-6EI.2F.V7P3	**141 705**	107	192	80	128	26	446	515	584	560

FE2owlet

FN045-_ _H.2F.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**H**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



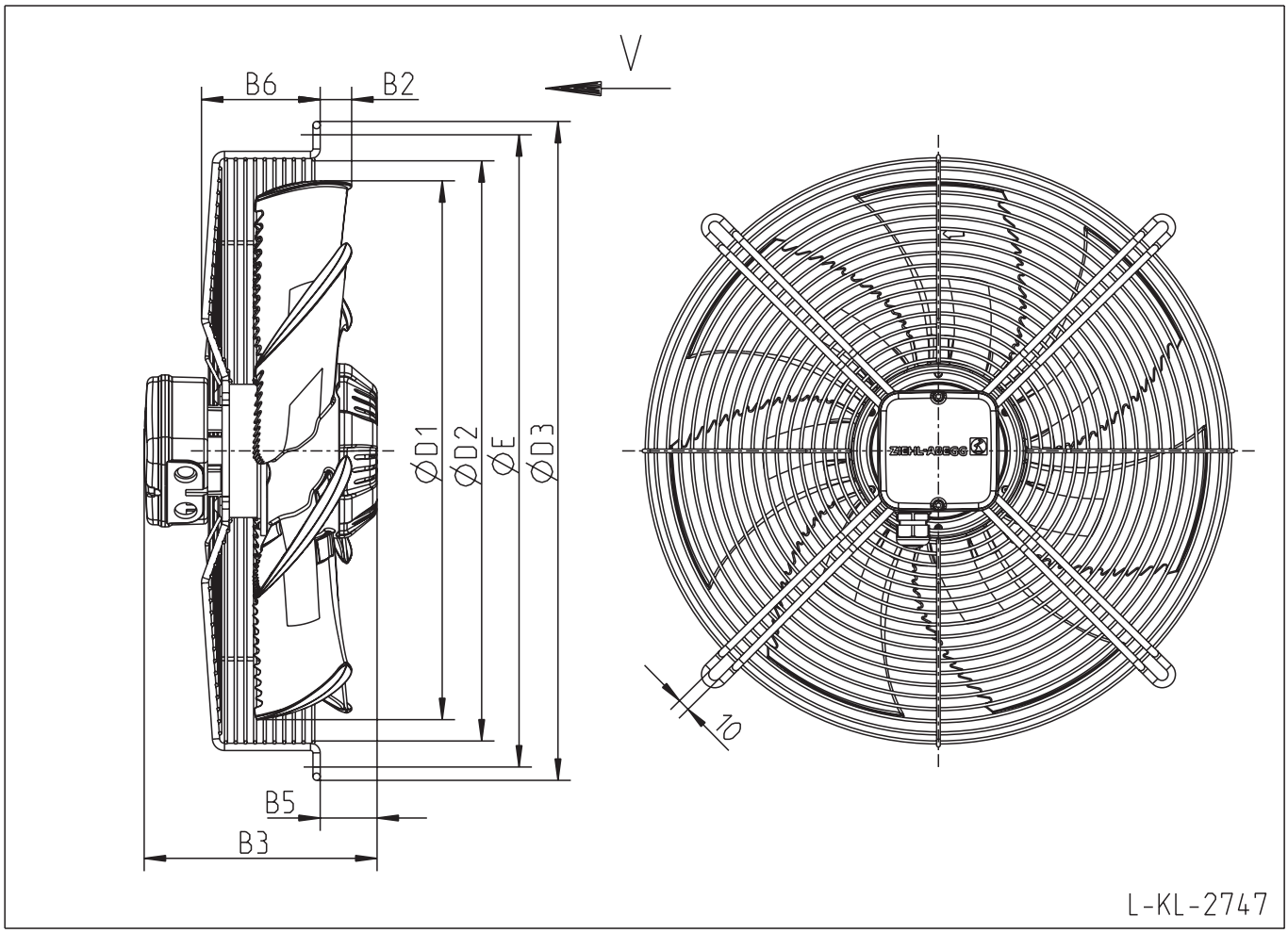
L-KL-2746

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	B5	D1	D2	E
FN045-VDH.2F.V7P2	**152 823**	108	14	186	96	40	607	480	578
FN045-4EH.2F.V7P2	**141 714**	108	14	186	96	40	607	480	578
FN045-6EH.2F.V7P3	**141 706**	114	14	192	96	40	607	480	578

FE2owlet

FN045-_ _K.2F.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**K**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



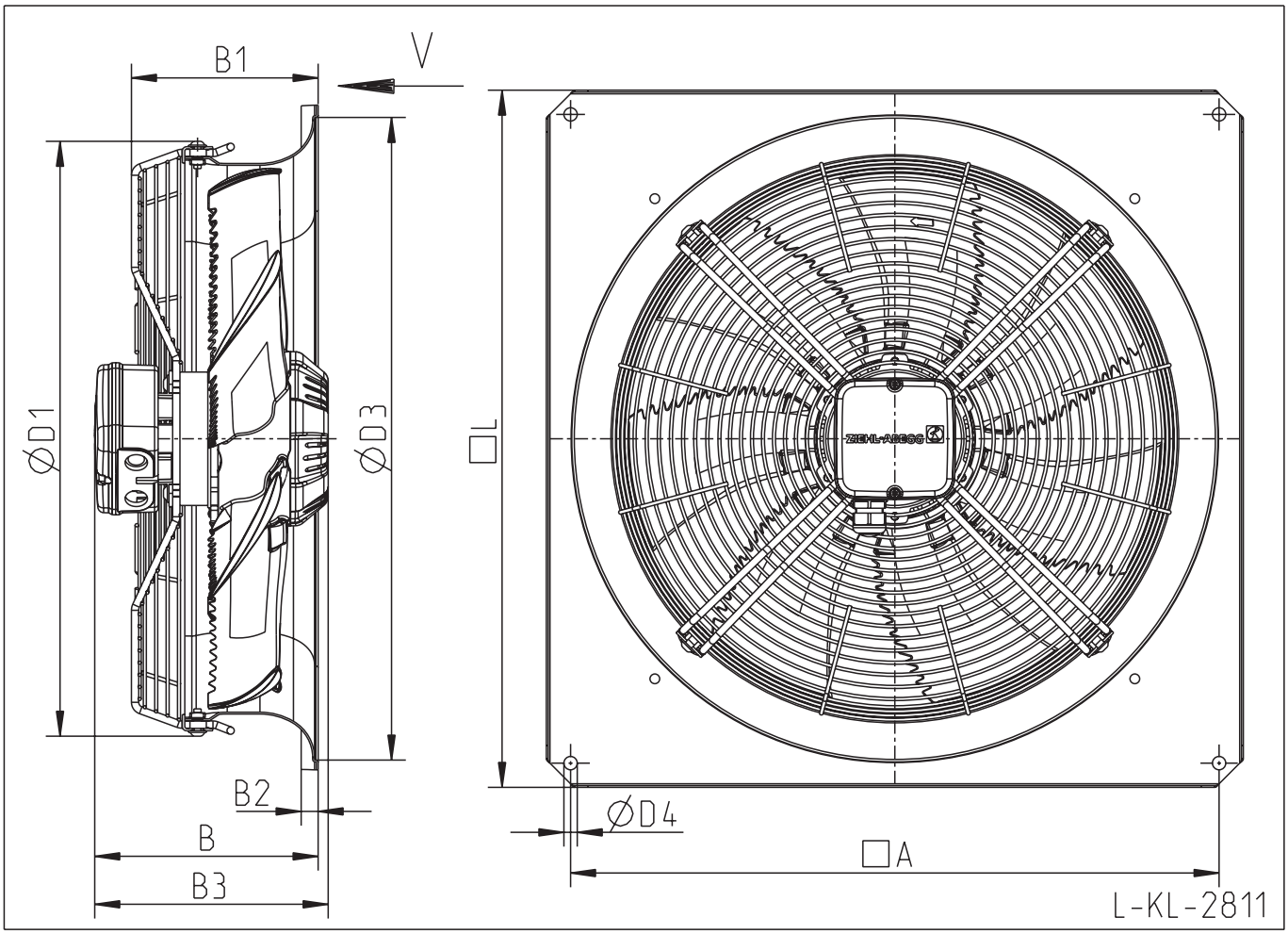
L-KL-2747

Typ *Type*	Artikel-Nr. *Article no.*	B2	B3	B5	B6	D1	D2	D3	E
FN045-VDK.2F.V7P2	**152 824**	9	186	40	98	446	479	544	522
FN045-4EK.2F.V7P2	**141 715**	9	186	40	98	446	479	544	522
FN045-6EK.2F.V7P3	**141 707**	26	192	47	98	446	479	544	522

FE2owlet

FN045-_ _Q.2F.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Verbundwerkstoff *Composite material*



L-KL-2811

Typ *Type*	Artikel-Nr. *Article no.*	A	B	B1	B2	B3	D1	D3	D4	L
FN045-VDQ.2F.V7P2	**152 878**	535	184	154	14	186	491	530	11	575
FN045-4EQ.2F.V7P2	**152 877**	535	184	154	14	186	491	530	11	575
FN045-6EQ.2F.V7P3	**152 876**	535	184	154	14	192	491	530	11	575

FE2owlet

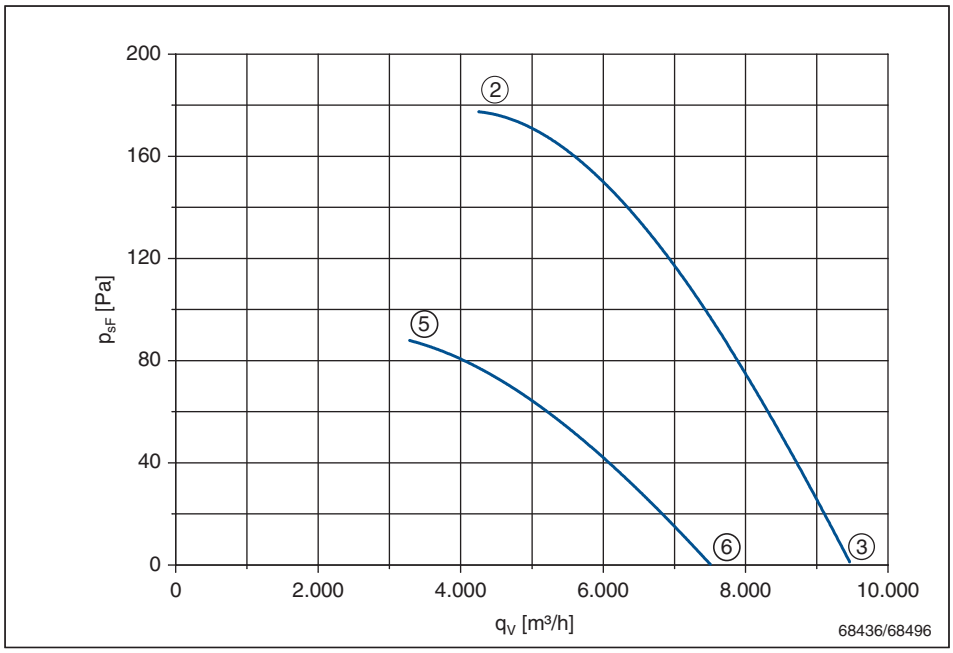
FN050-VD_.4I._7P1

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

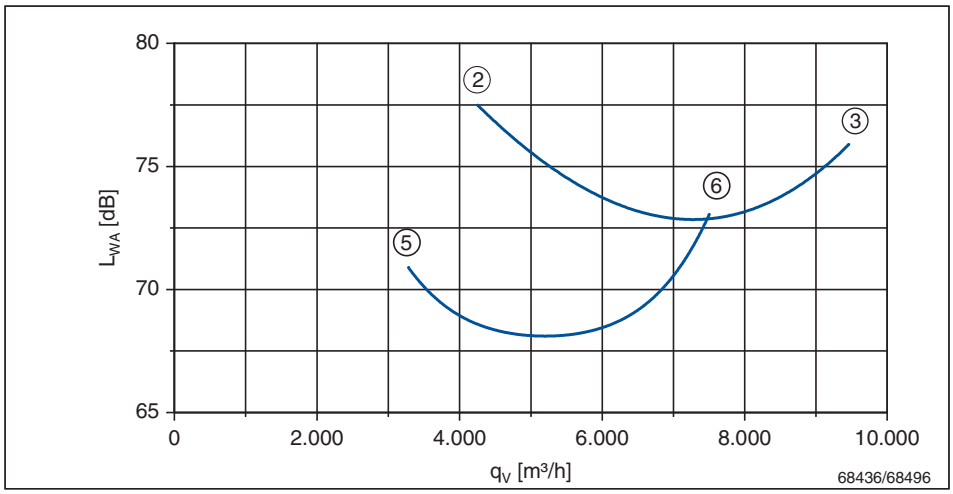
P_1	**0,83/0,55**	kW
I	**1,45/0,97**	A
n	**1330/940**	min^{-1}
I_A	4,7/1,55	A
ΔI	15	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**400**	**1,45**	**830**	**1330**
③	Δ	1,15	620	1390
⑤	**400**	**0,97**	**550**	**940**
⑥	Y	0,82	470	1110

$p_{d2} = 1{,}2 \cdot 10^{-6} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN050-VDA.4I.A7P1	**140 079**	**A**	A	11 kg	108XB	L-KL-2656	49
FN050-VDQ.4I.A7P1	**140 083**	**Q**	A	20 kg	108XB	L-KL-2660	50
FN050-VDA.4I.V7P1	**140 089**	**A**	V	11 kg	108XA	L-KL-2657	51
FN050-VDK.4I.V7P1	**140 056**	**K**	V	13 kg	108XA	L-KL-2659	52
FN050-VDQ.4I.V7P1	**140 322**	**Q**	V	18 kg	108XA	L-KL-2661	53
FN050-VDF.4I.V7P1	**140 067**	**F***	V	17 kg	108XA	L-KL-2662	54
FN050-VDF.4I.V7P1	**140 073**	**F****	V	18 kg	108XA	L-KL-2658	55

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

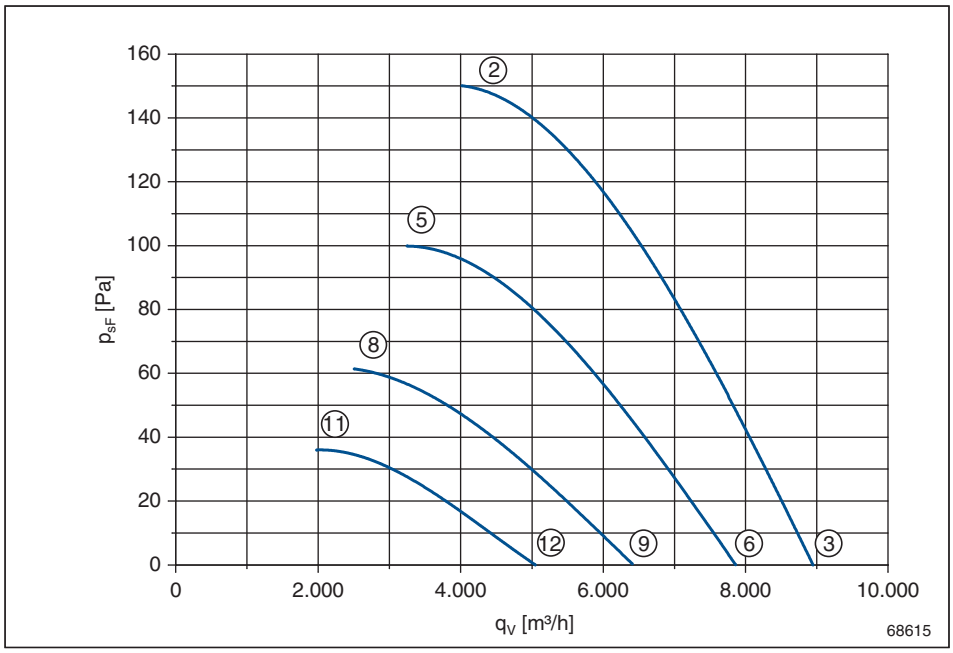
FN050-4E_.4I._7P1

Leistungsdaten
Performance data

1~ 230V ±10% 50Hz

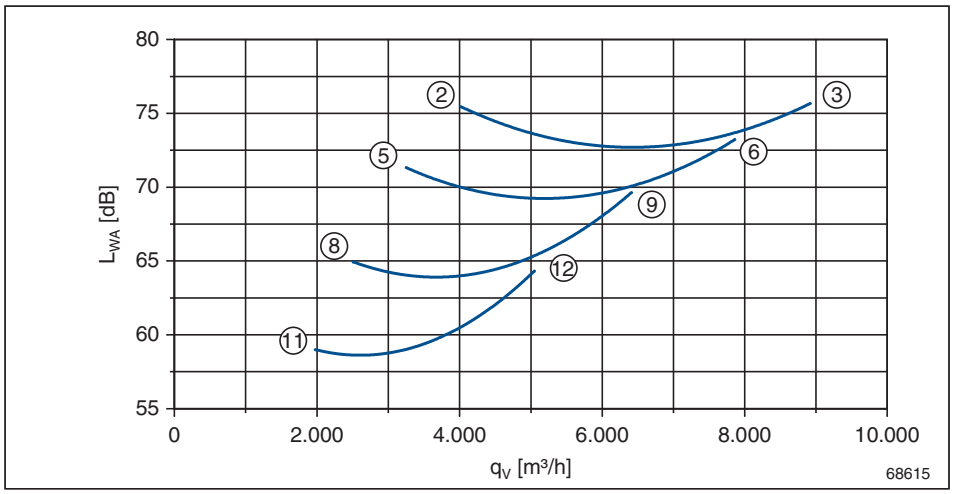
P_1	**0,75**	kW
I	**3,3**	A
n	**1230**	min^{-1}
I_A	7,1	A
ΔI	5	%
C_{400V}	16	µF
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**230**	**3,3**	**750**	**1230**
③		2,8	630	1310
⑤	170	3,4	560	1010
⑥		2,9	480	1160
⑧	135	3,1	410	790
⑨		2,8	370	950
⑪	110	2,7	280	600
⑫		2,6	270	750

$p_{d2} = 1{,}2 \cdot 10^{-6} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN050-4EA.4I.A7P1	**140 080**	**A**	A	11 kg	104XB	L-KL-2656	49
FN050-4EQ.4I.A7P1	**140 084**	**Q**	A	20 kg	104XB	L-KL-2660	50
FN050-4EA.4I.V7P1	**140 429**	**A**	V	11 kg	104XA	L-KL-2657	51
FN050-4EK.4I.V7P1	**140 057**	**K**	V	13 kg	104XA	L-KL-2659	52
FN050-4EQ.4I.V7P1	**140 062**	**Q**	V	18 kg	104XA	L-KL-2661	53
FN050-4EF.4I.V7P1	**140 068**	**F***	V	17 kg	104XA	L-KL-2662	54
FN050-4EF.4I.V7P1	**140 074**	**F****	V	18 kg	104XA	L-KL-2658	55

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

ZIEHL-ABEGG

FE2owlet

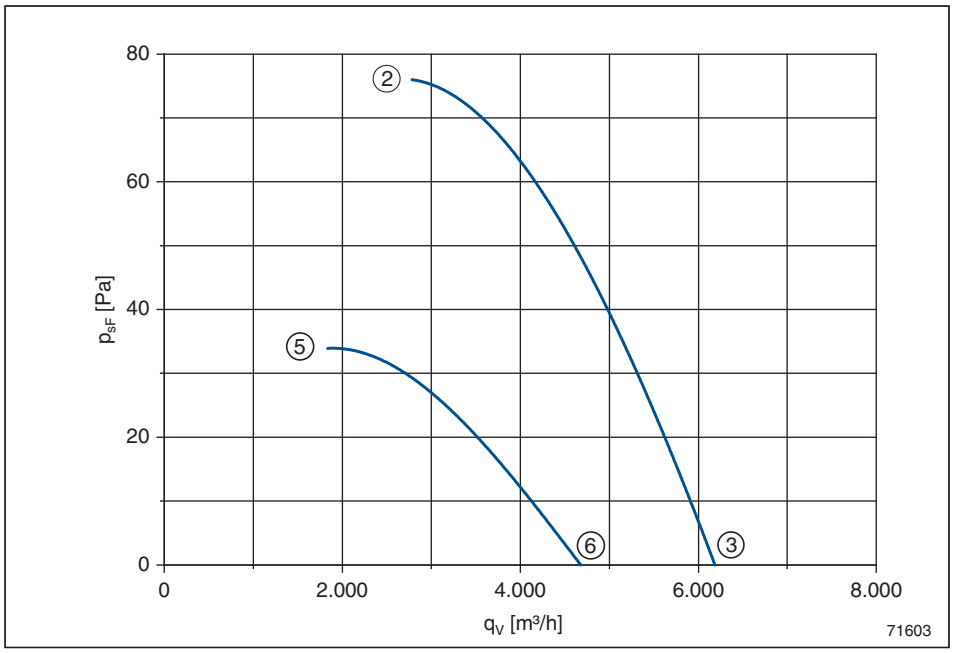
FN050-SD_.4F._7P1

Leistungsdaten
Performance data

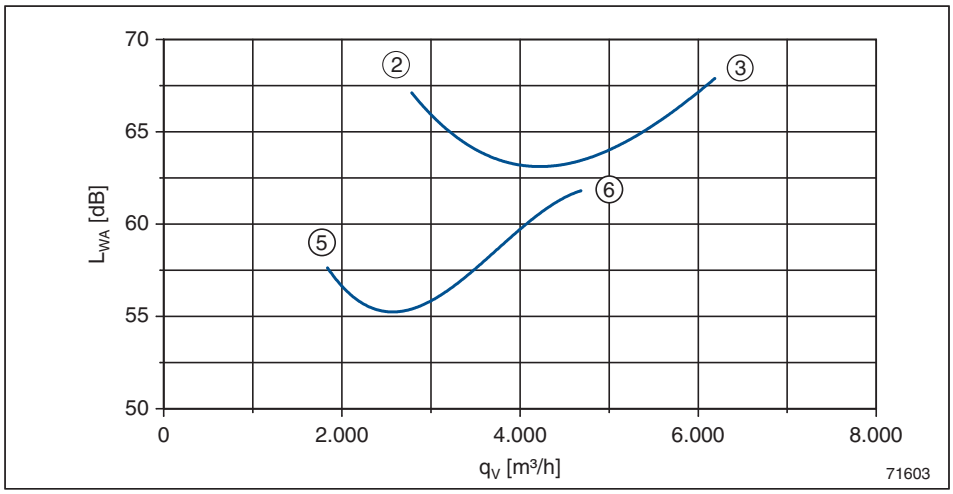
3~ 400V ±10% Δ/Y 50Hz

P_1	**0,29/0,15**	kW
I	**0,74/0,36**	A
n	**870/590**	min^{-1}
I_A	1,5/074	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**0,74**	**290**	**870**
③	Δ	0,66	230	920
⑤	**400**	**0,36**	**150**	**590**
⑥	Y	0,33	140	700



$p_{d2} = 1{,}2 \cdot 10^{-6} \cdot q_V^{\,2}$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN050-SDA.4F.A7P1	**140 327**	**A**	A	9,7 kg	108XB	L-KL-2656	49
FN050-SDQ.4F.A7P1	**140 085**	**Q**	A	19 kg	108XB	L-KL-2660	50
FN050-SDA.4F.V7P1	**140 430**	**A**	V	9,7 kg	108XA	L-KL-2657	51
FN050-SDK.4F.V7P1	**140 058**	**K**	V	12 kg	108XA	L-KL-2659	52
FN050-SDQ.4F.V7P1	**140 063**	**Q**	V	16 kg	108XA	L-KL-2661	53
FN050-SDF.4F.V7P1	**140 069**	**F***	V	15 kg	108XA	L-KL-2662	54
FN050-SDF.4F.V7P1	**140 075**	**F****	V	16 kg	108XA	L-KL-2658	55

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

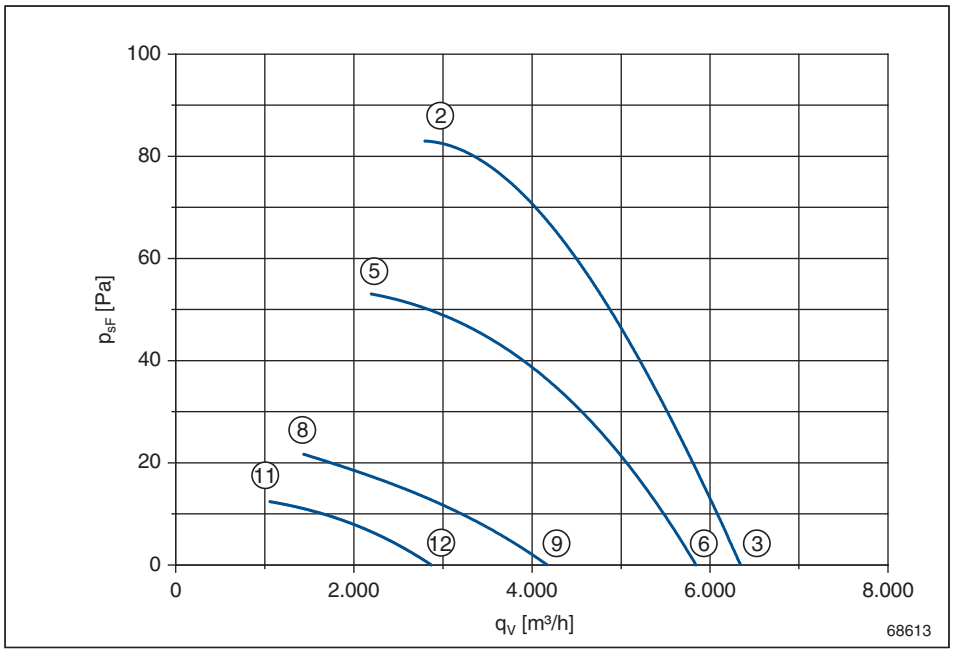
FN050-6E_.4F._7P1

Leistungsdaten
Performance data

1~ 230V ±10% 50Hz

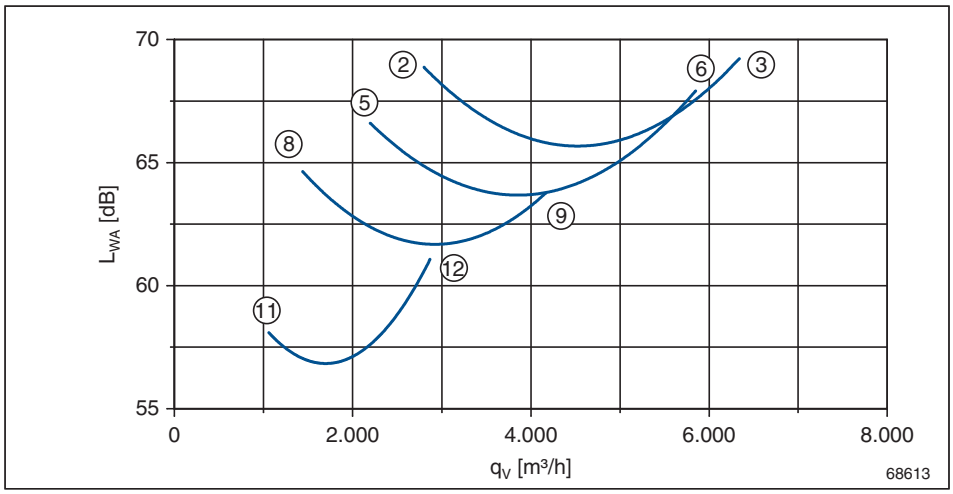
P_1	**0,3**	kW
I	**1,3**	A
n	**910**	min^{-1}
I_A	2,8	A
ΔI	10	%
C_{400V}	10	µF
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**230**	**1,30**	**300**	**910**
③		1,10	250	940
⑤	170	1,40	230	760
⑥		1,10	190	870
⑧	135	1,30	155	450
⑨		1,25	150	620
⑪	110	1,05	100	350
⑫		1,05	100	430

$p_{d2} = 1{,}2 \cdot 10^{-6} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN050-6EA.4F.A7P1	**140 081**	**A**	A	9,7 kg	104XB	L-KL-2656	49
FN050-6EQ.4F.A7P1	**140 086**	**Q**	A	19 kg	104XB	L-KL-2660	50
FN050-6EA.4F.V7P1	**140 431**	**A**	V	9,7 kg	104XA	L-KL-2657	51
FN050-6EK.4F.V7P1	**140 059**	**K**	V	12 kg	104XA	L-KL-2659	52
FN050-6EQ.4F.V7P1	**140 064**	**Q**	V	16 kg	104XA	L-KL-2661	53
FN050-6EF.4F.V7P1	**140 070**	**F***	V	15 kg	104XA	L-KL-2662	54
FN050-6EF.4F.V7P1	**140 076**	**F****	V	16 kg	104XA	L-KL-2658	55

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

ZIEHL-ABEGG

FE2owlet

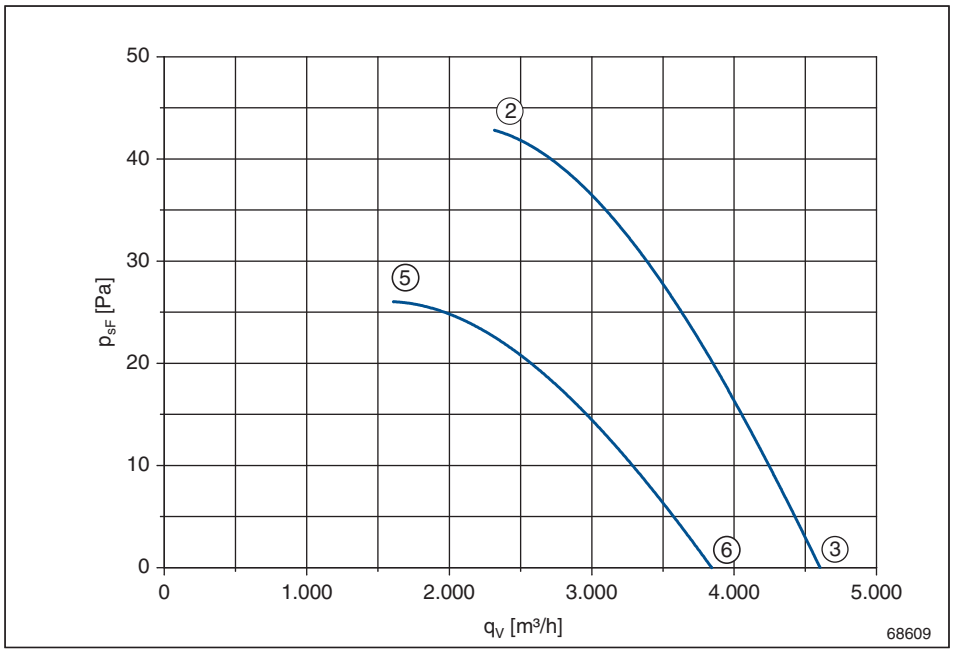
FN050-AD_.4C._7P1

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

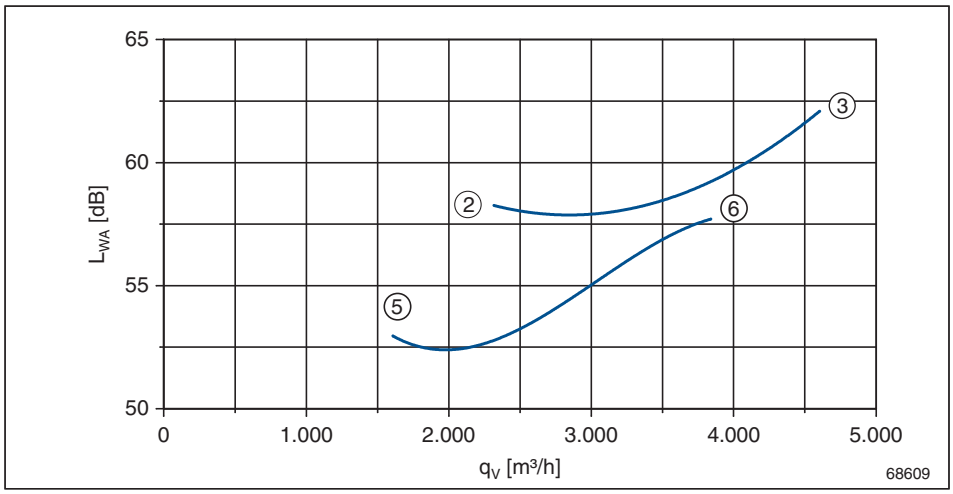
P_1	**0,14/0,09**	kW
I	**0,32/0,16**	A
n	**660/510**	min^{-1}
I_A	0,75/0,25	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**0,32**	**140**	**660**
③	Δ	0,31	115	690
⑤	**400**	**0,16**	**85**	**510**
⑥	Y	0,14	72	580

$p_{d2} = 1{,}2 \cdot 10^{-6} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN050-ADA.4C.A7P1	**140 328**	**A**	A	7,7 kg	108XB	L-KL-2656	49
FN050-ADQ.4C.A7P1	**140 087**	**Q**	A	17 kg	108XB	L-KL-2660	50
FN050-ADA.4C.V7P1	**140 432**	**A**	V	7,7 kg	108XA	L-KL-2657	51
FN050-ADK.4C.V7P1	**140 060**	**K**	V	10 kg	108XA	L-KL-2659	52
FN050-ADQ.4C.V7P1	**140 065**	**Q**	V	15 kg	108XA	L-KL-2661	53
FN050-ADF.4C.V7P1	**140 071**	**F***	V	14 kg	108XA	L-KL-2662	54
FN050-ADF.4C.V7P1	**140 077**	**F****	V	14 kg	108XA	L-KL-2658	55

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

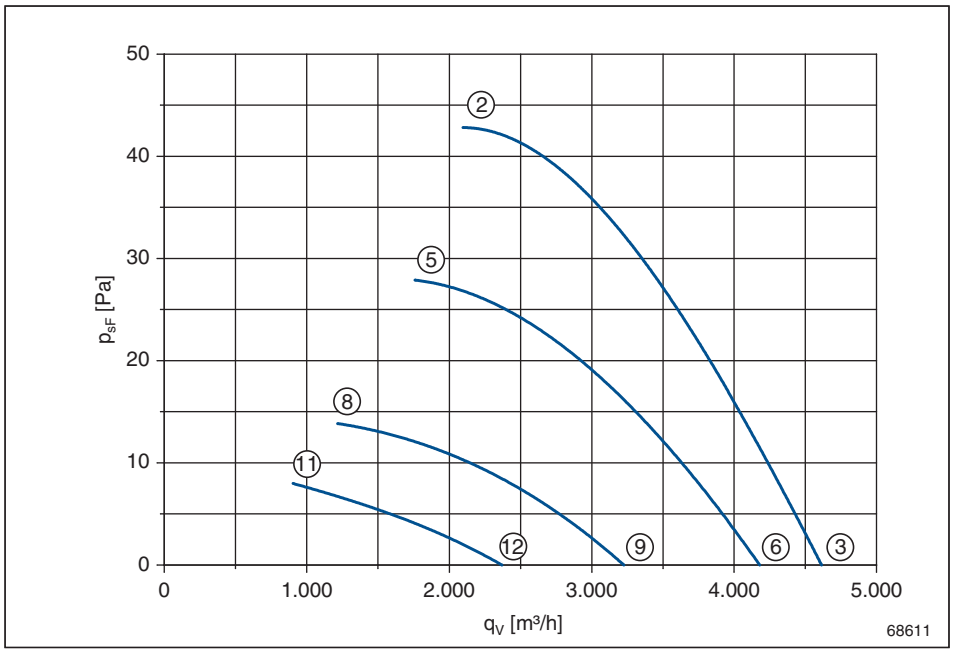
FN050-8E_.4C._7P1

Leistungsdaten
Performance data

1~ 230V ±10% 50Hz

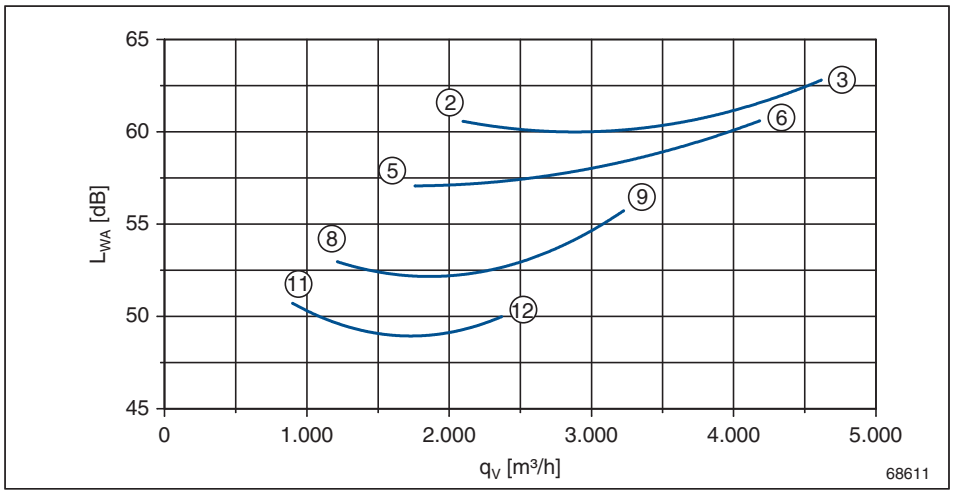
P_1	**0,14**	kW
I	**0,68**	A
n	**660**	min^{-1}
I_A	1,15	A
ΔI	0	%
C_{400V}	3	µF
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**230**	**0,68**	**145**	**660**
③		0,60	125	690
⑤	170	0,69	110	530
⑥		0,57	90	630
⑧	135	0,63	75	380
⑨		0,58	70	490
⑪	110	0,54	52	270
⑫		0,53	51	360

$p_{d2} = 1{,}2 \cdot 10^{-6} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN050-8EA.4C.A7P1	**140 082**	**A**	A	7,7 kg	104XB	L-KL-2656	49
FN050-8EQ.4C.A7P1	**140 088**	**Q**	A	17 kg	104XB	L-KL-2660	50
FN050-8EA.4C.V7P1	**140 324**	**A**	V	7,7 kg	104XA	L-KL-2657	51
FN050-8EK.4C.V7P1	**140 061**	**K**	V	10 kg	104XA	L-KL-2659	52
FN050-8EQ.4C.V7P1	**140 066**	**Q**	V	15 kg	104XA	L-KL-2661	53
FN050-8EF.4C.V7P1	**140 072**	**F***	V	14 kg	104XA	L-KL-2662	54
FN050-8EF.4C.V7P1	**140 078**	**F****	V	14 kg	104XA	L-KL-2658	55

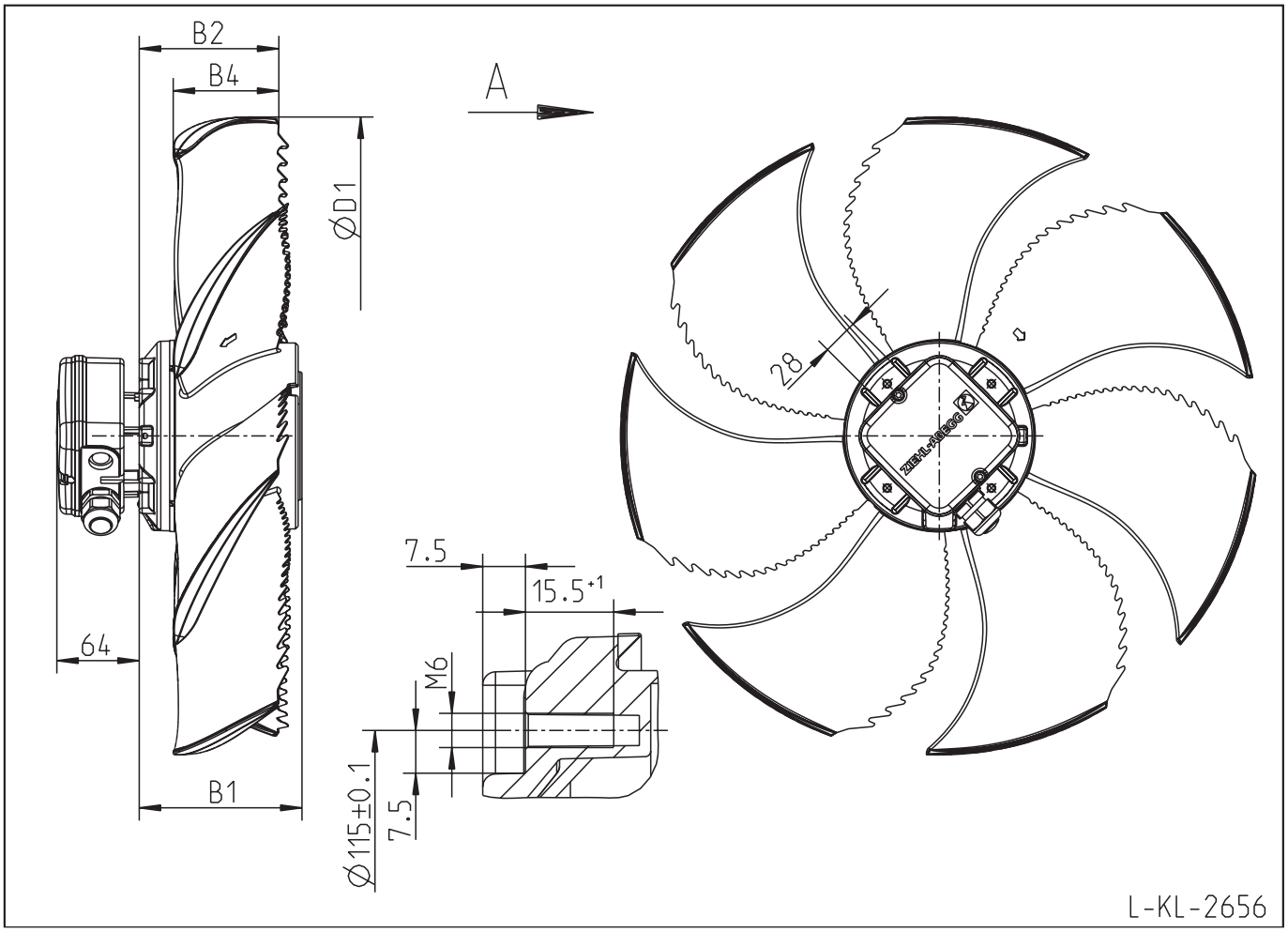
* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

ZIEHL-ABEGG

FE2owlet

FN050-_ _A.4_.A7P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



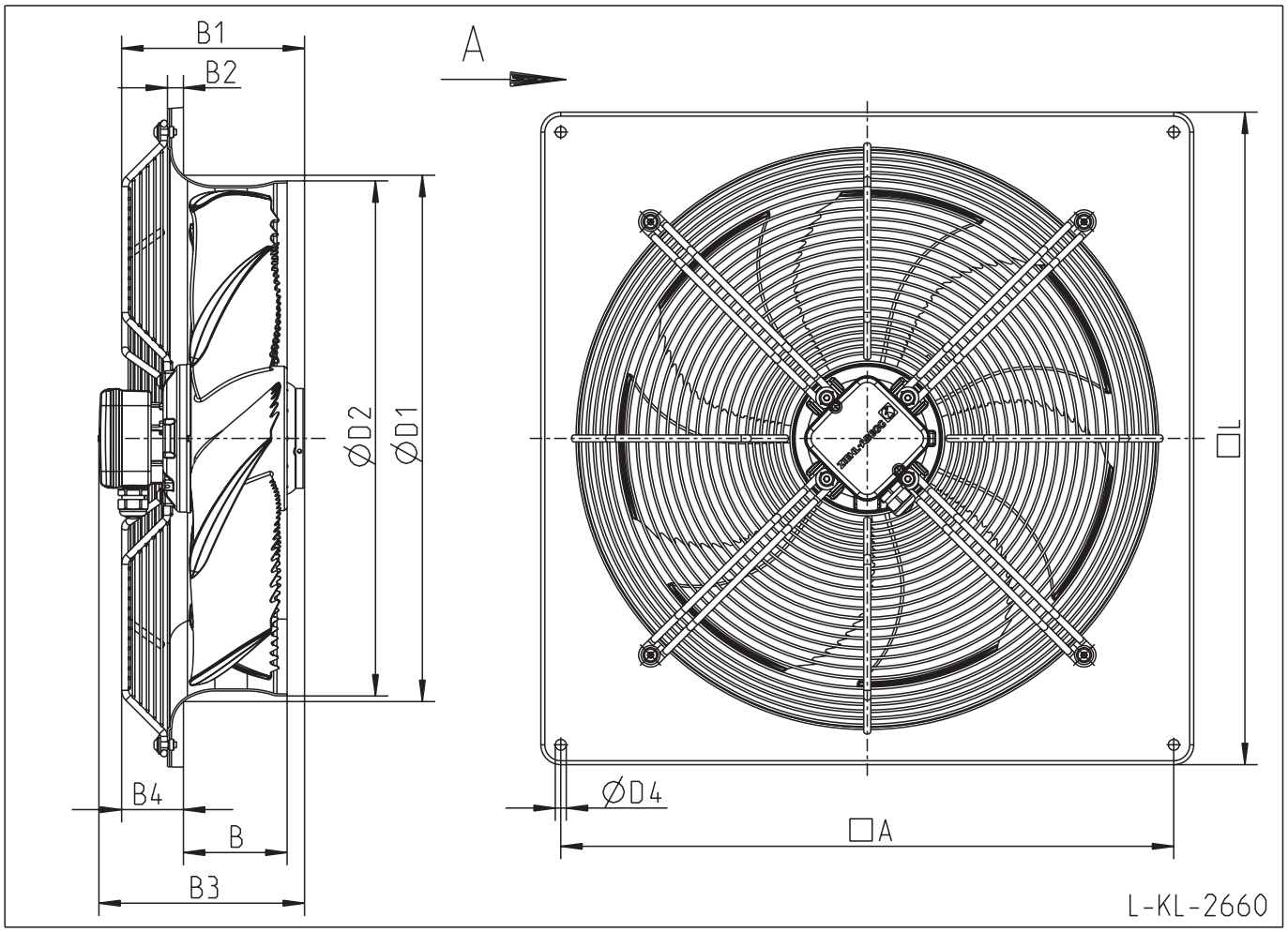
L-KL-2656

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN050-4EA.4I.A7P1	**140 080**	162	109	82,5	498
FN050-VDA.4I.A7P1	**140 079**	162	109	82,5	498
FN050-6EA.4F.A7P1	**140 081**	142	109	82,5	498
FN050-SDA.4F.A7P1	**140 327**	142	109	82,5	498
FN050-8EA.4C.A7P1	**140 082**	127	109	82,5	498
FN050-ADA.4C.A7P1	**140 328**	127	109	82,5	498

FE2owlet

FN050-_ _Q.4_.A7P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



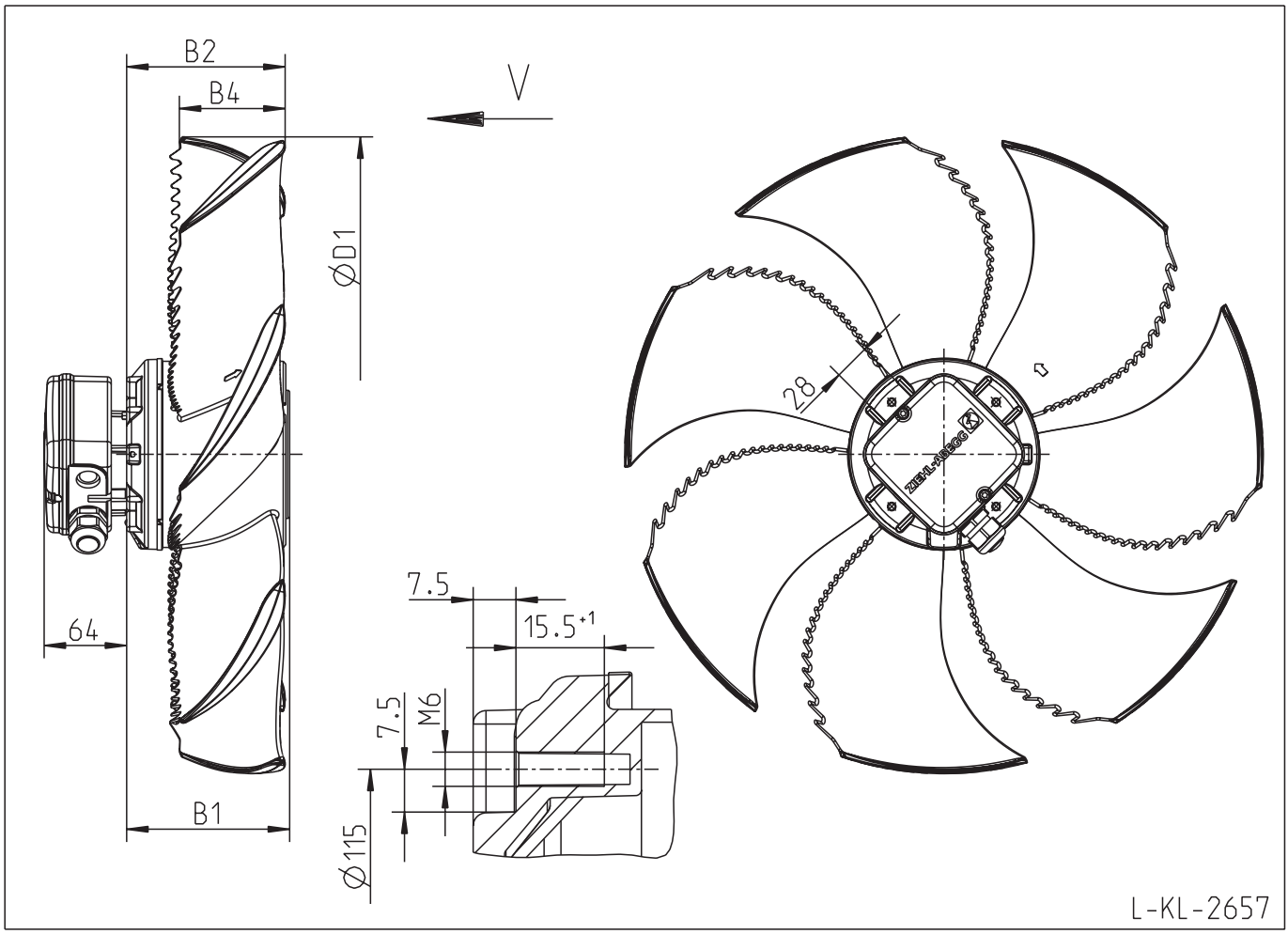
L-KL-2660

Typ *Type*	Artikel-Nr. *Article no.*	A	B	B1	B2	B3	B4	D1	D2	D4	L
FN050-4EQ.4I.A7P1	**140 084**	615	104	204	16	226	62	531	517	11	655
FN050-VDQ.4I.A7P1	**140 083**	615	104	204	16	226	62	531	517	11	655
FN050-6EQ.4F.A7P1	**140 086**	615	104	184	16	206	62	531	517	11	655
FN050-SDQ.4F.A7P1	**140 085**	615	104	184	16	206	62	531	517	11	655
FN050-8EQ.4C.A7P1	**140 088**	615	104	169	16	191	62	531	517	11	655
FN050-ADQ.4C.A7P1	**140 087**	615	104	169	16	191	62	531	517	11	655

FE2owlet

FN050-_ _A.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



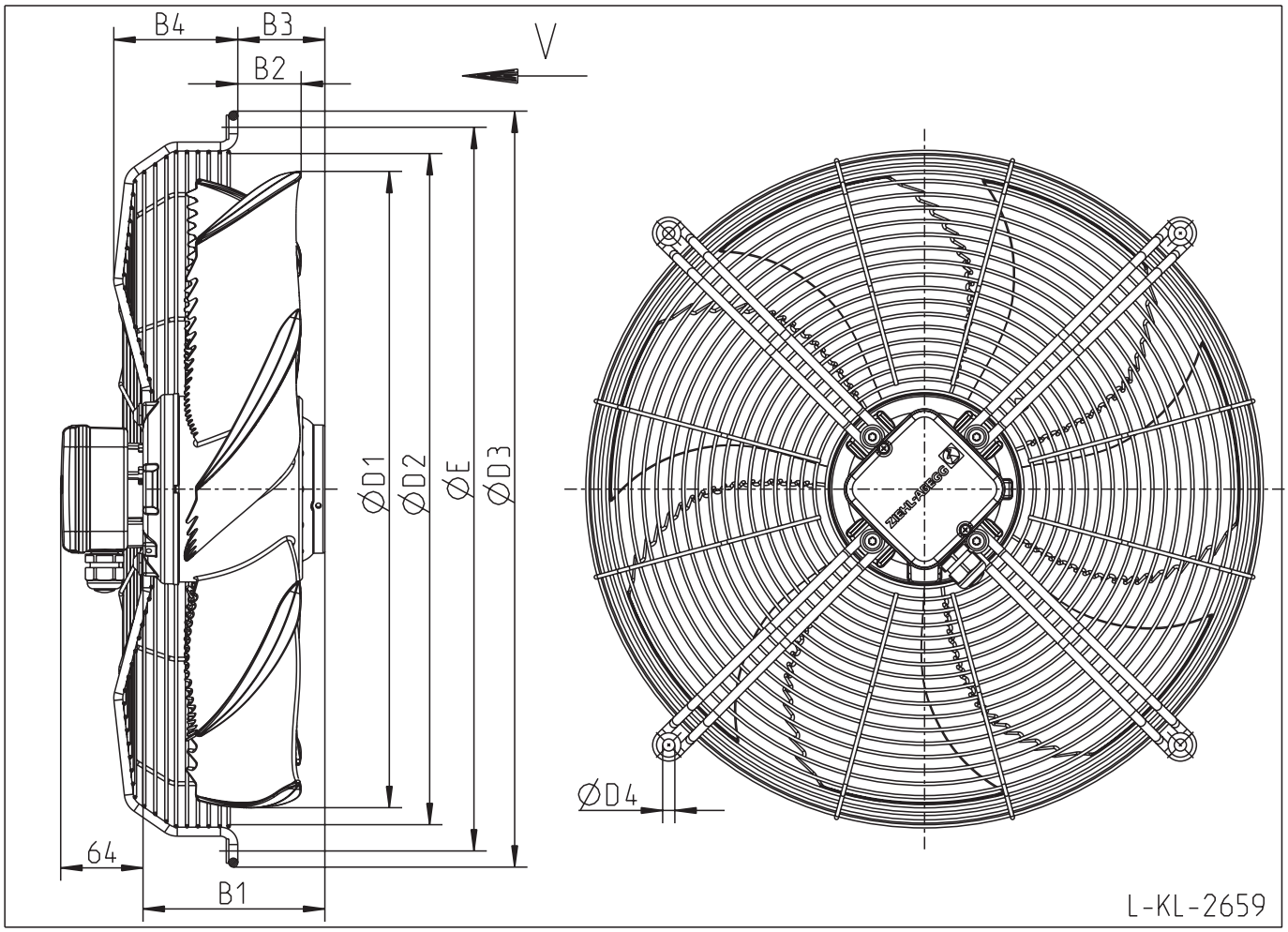
L-KL-2657

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN050-4EA.4I.V7P1	**140 429**	162	124	83	498
FN050-VDA.4I.V7P1	**140 089**	162	124	83	498
FN050-6EA.4F.V7P1	**140 431**	142	124	83	498
FN050-SDA.4F.V7P1	**140 430**	142	124	83	498
FN050-8EA.4C.V7P1	**140 324**	127	124	83	498
FN050-ADA.4C.V7P1	**140 432**	127	124	83	498

FE2owlet

FN050-_ _K.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**K**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



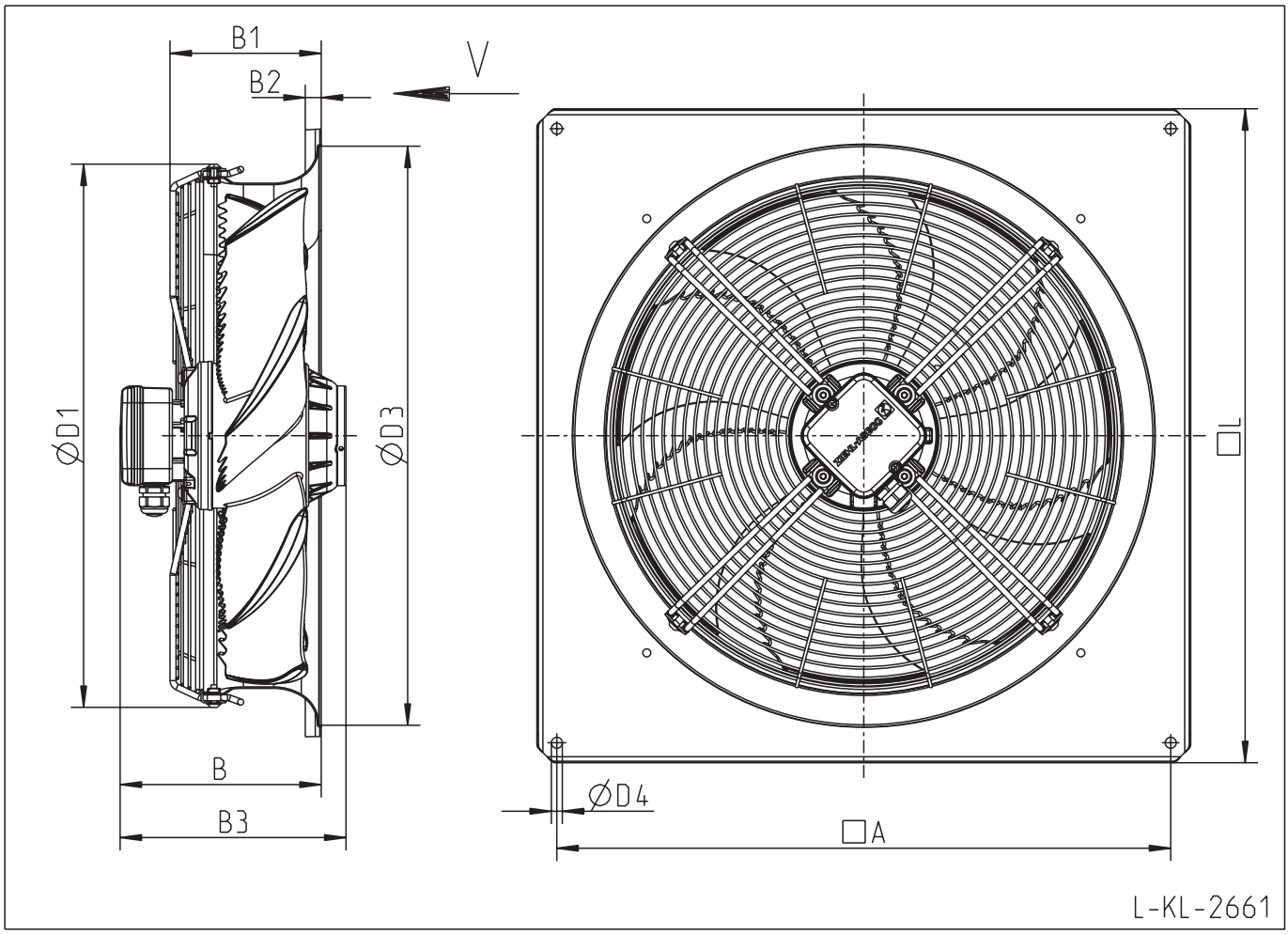
L-KL-2659

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1	D2	D3	D4	E
FN050-4EK.4I.V7P1	**140 057**	162	50	88	97	498	524	589	9,5	565
FN050-VDK.4I.V7P1	**140 056**	162	50	88	97	498	524	589	9,5	565
FN050-6EK.4F.V7P1	**140 059**	142	50	68	97	498	524	589	9,5	565
FN050-SDK.4F.V7P1	**140 058**	142	50	68	97	498	524	589	9,5	565
FN050-8EK.4C.V7P1	**140 061**	127	50	53	97	498	524	589	9,5	565
FN050-ADK.4C.V7P1	**140 060**	127	50	53	97	498	524	589	9,5	565

FE2owlet

FN050-_ _Q.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2661

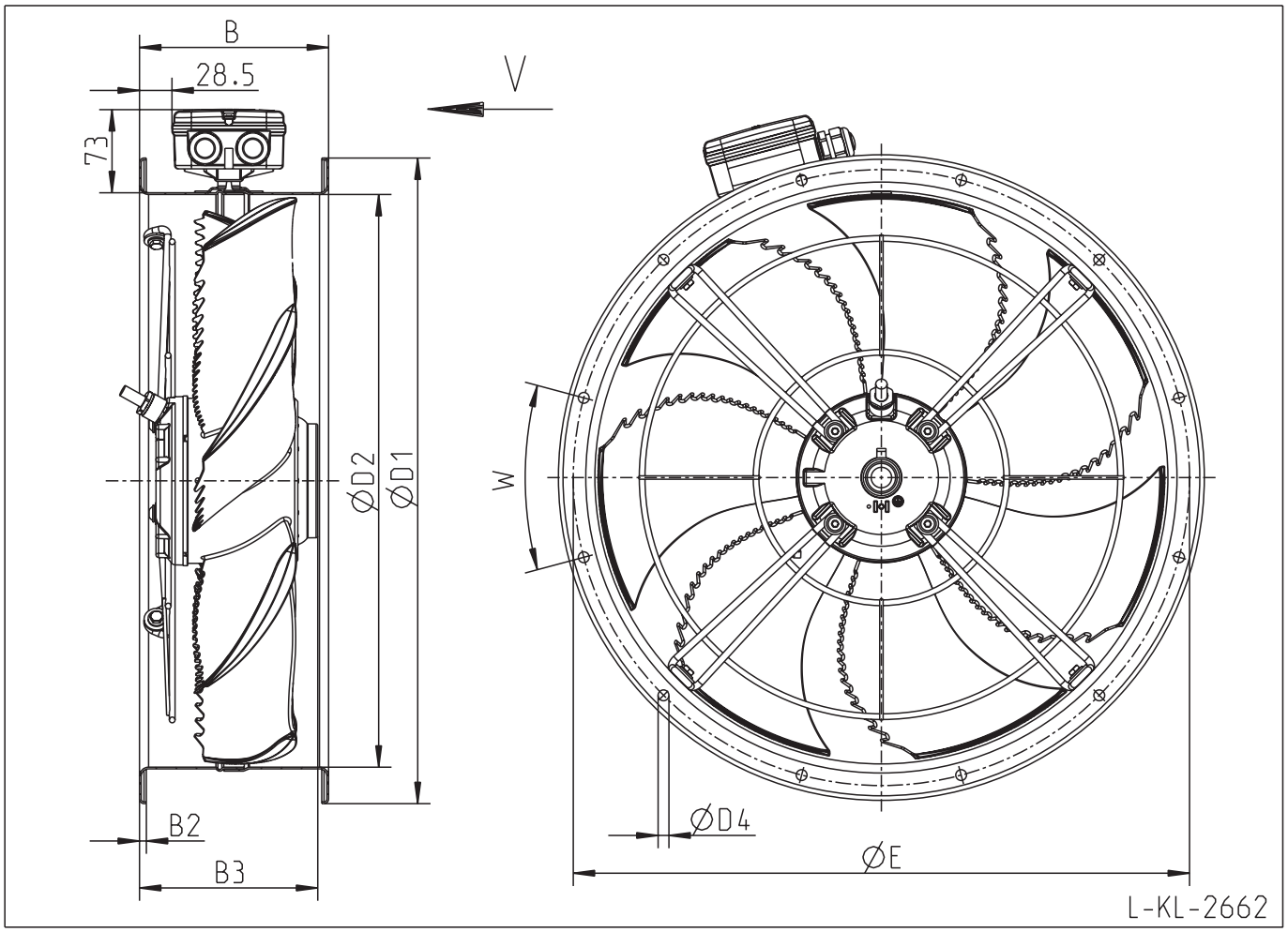
Typ *Type*	Artikel-Nr. *Article no.*	A	B	B1	B2	B3	D1	D3	D4	L
FN050-4EQ.4I.V7P1	**140 062**	615	201	152	16	226	544	584	11	655
FN050-VDQ.4I.V7P1	**140 322**	615	201	152	16	226	544	584	11	655
FN050-6EQ.4F.V7P1	**140 064**	615	201	152	16	206	544	584	11	655
FN050-SDQ.4F.V7P1	**140 063**	615	201	152	16	206	544	584	11	655
FN050-8EQ.4C.V7P1	**140 066**	615	201	152	16	191	544	584	11	655
FN050-ADQ.4C.V7P1	**140 065**	615	201	152	16	191	544	584	11	655

FE2owlet

FN050-_ _F.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**F*)**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*

*) ohne Berührschutz / *without guard grille*



L-KL-2662

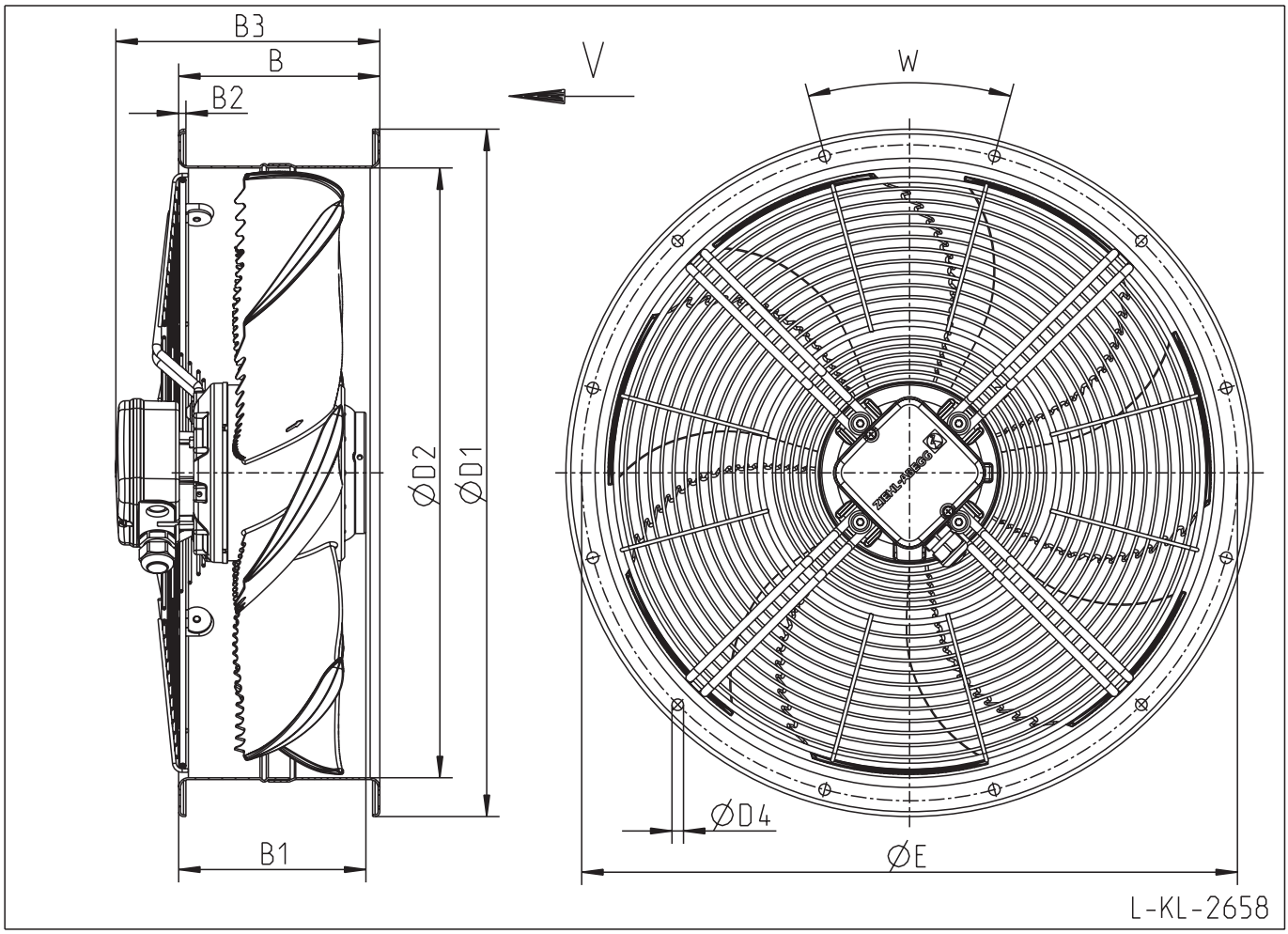
Typ *Type*	Artikel-Nr. *Article no.*	B	B2	B3	D1	D2	D4	E	W
FN050-4EF.4I.V7P1	**140 068**	166	6	177	567	503	9,5	541	12x30°
FN050-VDF.4I.V7P1	**140 067**	166	6	177	567	503	9,5	541	12x30°
FN050-6EF.4F.V7P1	**140 070**	166	6	157	567	503	9,5	541	12x30°
FN050-SDF.4F.V7P1	**140 069**	166	6	157	567	503	9,5	541	12x30°
FN050-8EF.4C.V7P1	**140 072**	166	6	142	567	503	9,5	541	12x30°
FN050-ADF.4C.V7P1	**140 071**	166	6	142	567	503	9,5	541	12x30°

FE2owlet

FN050-_ _F.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**F*)**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*

*) mit Berührschutz / *with guard grille*



L-KL-2658

Typ *Type*	Artikel-Nr. *Article no.*	B	B1	B2	B3	D1	D2	D4	E	W
FN050-4EF.4I.V7P1	**140 074**	166	175	6	218	567	503	9,5	541	12x30°
FN050-VDF.4I.V7P1	**140 073**	166	175	6	218	567	503	9,5	541	12x30°
FN050-6EF.4F.V7P1	**140 076**	166	155	6	218	567	503	9,5	541	12x30°
FN050-SDF.4F.V7P1	**140 075**	166	155	6	218	567	503	9,5	541	12x30°
FN050-8EF.4C.V7P1	**140 078**	166	140	6	218	567	503	9,5	541	12x30°
FN050-ADF.4C.V7P1	**140 077**	166	140	6	218	567	503	9,5	541	12x30°

FE2owlet

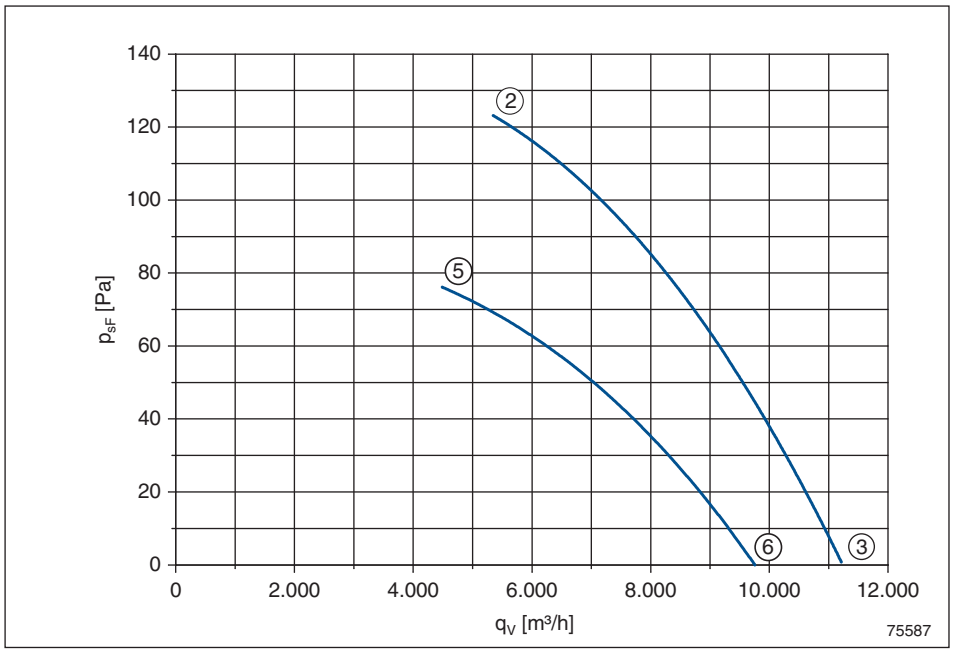
FN063-SD_.4I._7P1

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

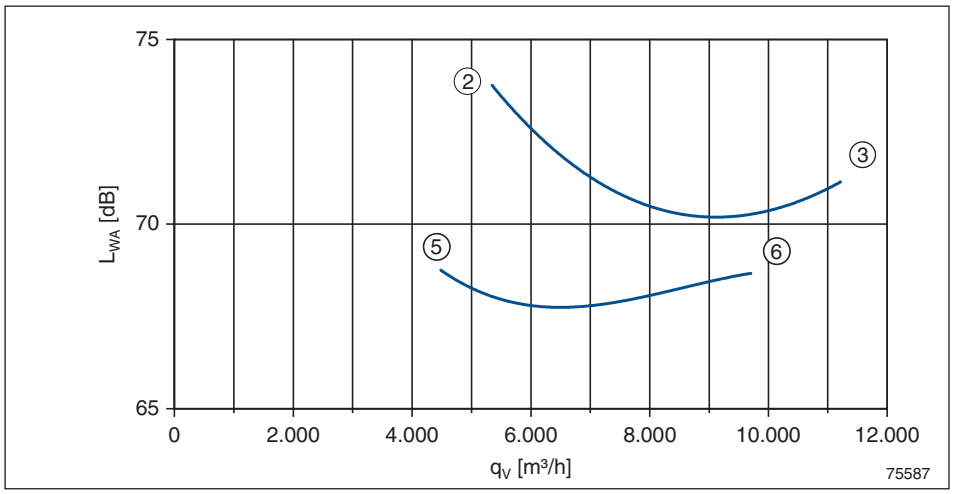
P_1	**0,63/0,44**	kW
I	**1,25/0,73**	A
n	**900/720**	min^{-1}
I_A	4,9/2,8	A
ΔI	15	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**400**	**1,25**	**630**	**900**
③	Δ	1,05	440	940
⑤	**400**	**0,73**	**440**	**720**
⑥	Y	0,56	330	820

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN063-SDA.4I.A7P1	**141 381**	**A**	A	11 kg	108XB	L-KL-2656	63
FN063-SDQ.4I.A7P1	**141 382**	**Q**	A	25 kg	108XB	L-KL-2660	64
FN063-SDA.4I.V7P1	**141 383**	**A**	V	11 kg	108XA	L-KL-2657	65
FN063-SDK.4I.V7P1	**141 384**	**K**	V	15 kg	108XA	L-KL-2659	66
FN063-SDQ.4I.V7P1	**141 385**	**Q**	V	24 kg	108XA	L-KL-2661	67
FN063-SDF.4I.V7P1	**141 386**	**F***	V	20 kg	108XA	L-KL-2662	68
FN063-SDF.4I.V7P1	**141 387**	**F****	V	21 kg	108XA	L-KL-2658	69

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

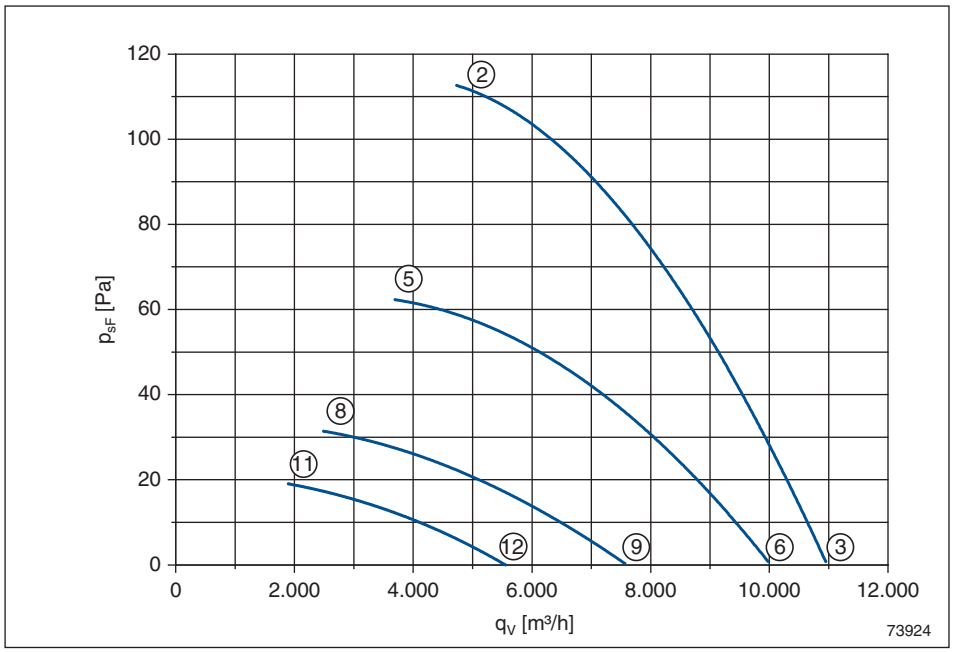
FN063-6E_.4I._7P1

Leistungsdaten
Performance data

1~ 230V ±10% 50Hz

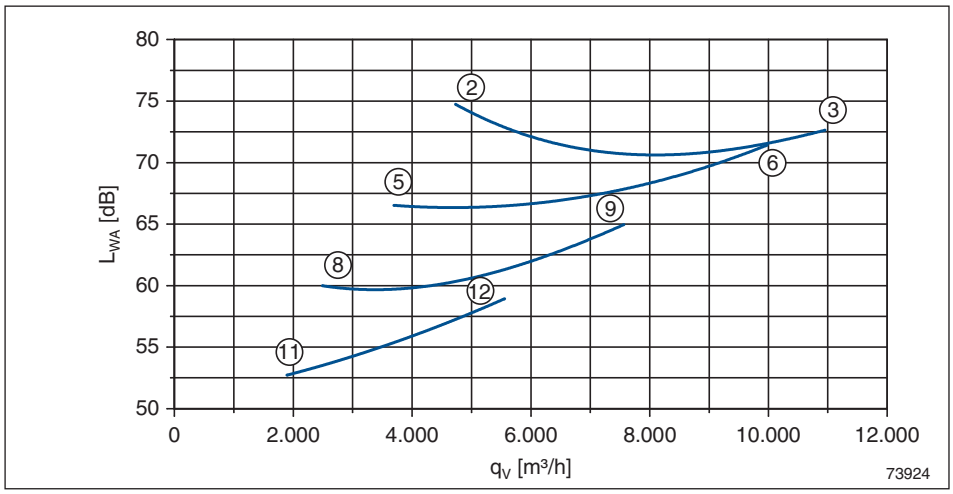
P_1	**0,67**	kW
I	**3,1**	A
n	**870**	min^{-1}
I_A	5,3	A
ΔI	5	%
C_{400V}	12	µF
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**230**	**3,1**	**670**	**870**
③		2,3	500	930
⑤	170	3,2	500	640
⑥		2,4	390	840
⑧	135	2,8	330	450
⑨		2,5	310	640
⑪	110	2,3	220	340
⑫		2,2	220	470

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN063-6EA.4I.A7P1	**141 722**	**A**	A	11 kg	104XB	L-KL-2656	63
FN063-6EQ.4I.A7P1	**141 723**	**Q**	A	25 kg	104XB	L-KL-2660	64
FN063-6EA.4I.V7P1	**141 724**	**A**	V	11 kg	104XA	L-KL-2657	65
FN063-6EK.4I.V7P1	**141 725**	**K**	V	15 kg	104XA	L-KL-2659	66
FN063-6EQ.4I.V7P1	**141 726**	**Q**	V	22 kg	104XA	L-KL-2661	67
FN063-6EF.4I.V7P1	**141 727**	**F***	V	20 kg	104XA	L-KL-2662	68
FN063-6EF.4I.V7P1	**141 728**	**F****	V	21 kg	104XA	L-KL-2658	69

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

ZIEHL-ABEGG

FE2owlet

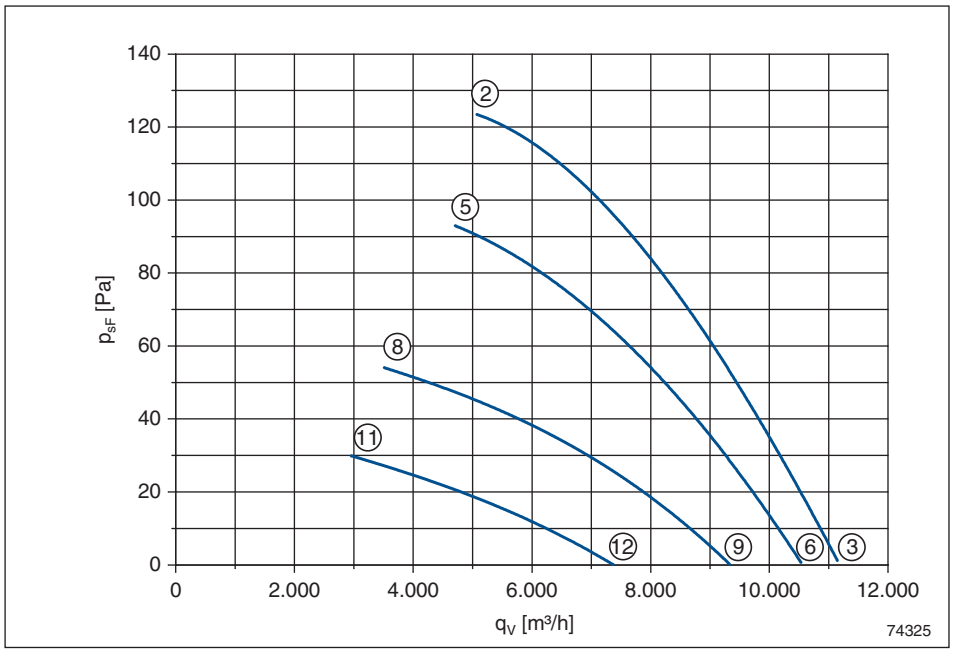
FN063-6E_.4M._7P1

Leistungsdaten
Performance data

1~ 230V ±10% 50Hz

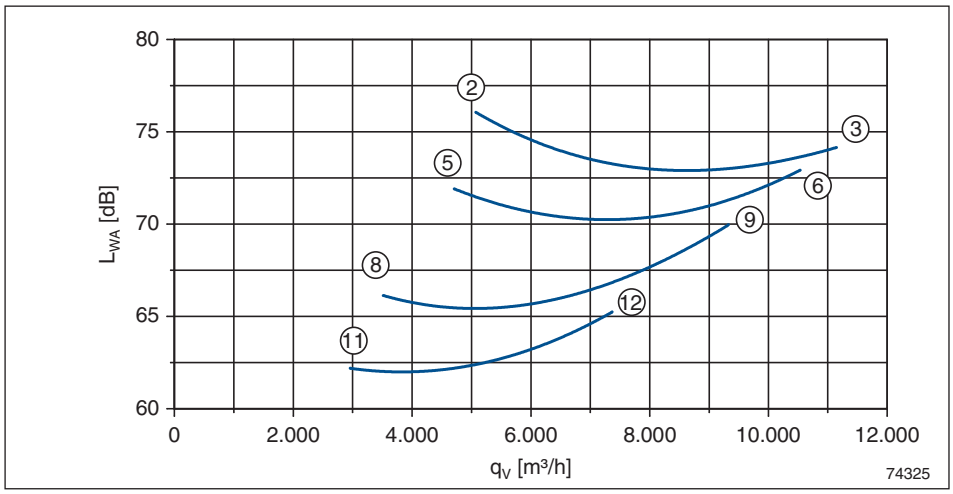
P_1	**0,73**	kW
I	**3,4**	A
n	**910**	min^{-1}
I_A	7	A
ΔI	5	%
C_{400V}	16	µF
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**230**	**3,4**	**730**	**910**
③		2,7	570	950
⑤	170	3,6	580	800
⑥		2,6	430	900
⑧	135	3,5	440	610
⑨		2,8	360	800
⑪	110	3,1	310	460
⑫		2,8	290	630

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN063-6EA.4M.A7P1	**141 736**	**A**	A	13 kg	104XB	L-KL-2656	63
FN063-6EQ.4M.A7P1	**141 737**	**Q**	A	27 kg	104XB	L-KL-2660	64
FN063-6EA.4M.V7P1	**141 738**	**A**	V	13 kg	104XA	L-KL-2657	65
FN063-6EK.4M.V7P1	**141 739**	**K**	V	19 kg	104XA	L-KL-2659	66
FN063-6EQ.4M.V7P1	**141 740**	**Q**	V	27 kg	104XA	L-KL-2661	67
FN063-6EF.4M.V7P1	**141 741**	**F****	V	23 kg	104XA	L-KL-2658	69

** mit Berührschutz / *with guard grille*

FE2owlet

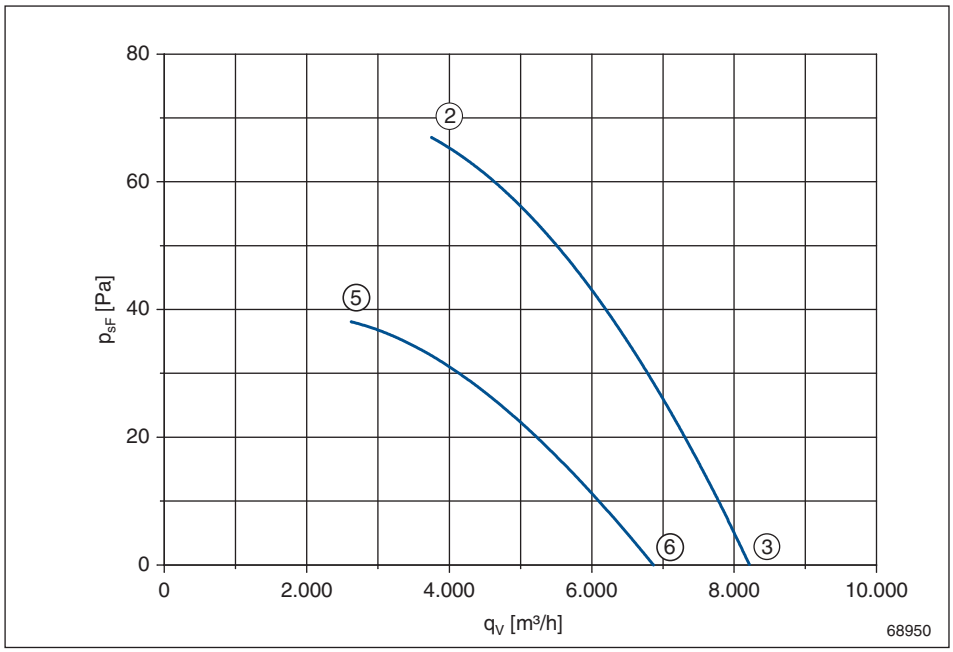
FN063-AD_.4I._7P1

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

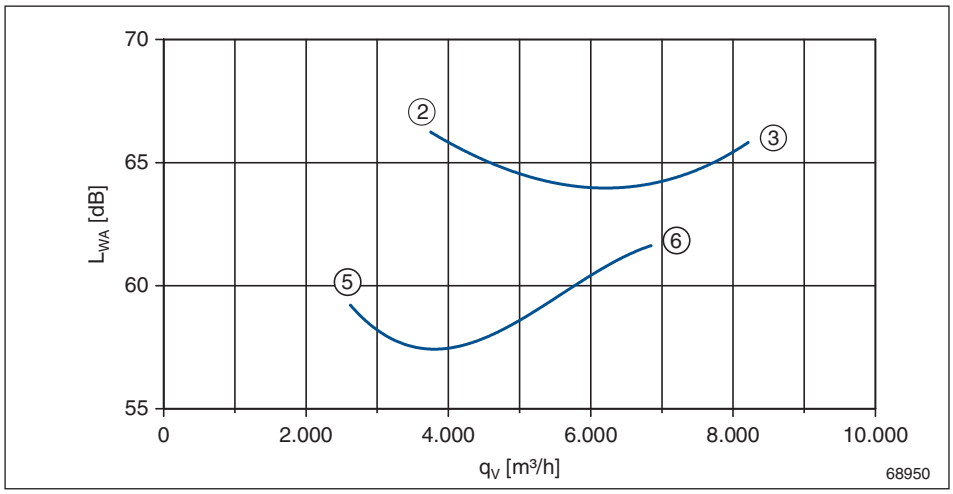
P_1	**0,31/0,18**	kW
I	**0,77/0,37**	A
n	**660/490**	min^{-1}
I_A	1,7/0,98	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**0,77**	**310**	**660**
③	Δ	0,70	230	690
⑤	**400**	**0,37**	**180**	**490**
⑥	Y	0,31	145	580

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN063-ADA.4I.A7P1	**141 374**	**A**	A	11 kg	108XB	L-KL-2656	63
FN063-ADQ.4I.A7P1	**141 375**	**Q**	A	25 kg	108XB	L-KL-2660	64
FN063-ADA.4I.V7P1	**141 376**	**A**	V	11 kg	108XA	L-KL-2657	65
FN063-ADK.4I.V7P1	**141 377**	**K**	V	15 kg	108XA	L-KL-2659	66
FN063-ADQ.4I.V7P1	**141 378**	**Q**	V	24 kg	108XA	L-KL-2661	67
FN063-ADF.4I.V7P1	**141 379**	**F***	V	20 kg	108XA	L-KL-2662	68
FN063-ADF.4I.V7P1	**141 380**	**F****	V	21 kg	108XA	L-KL-2658	69

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

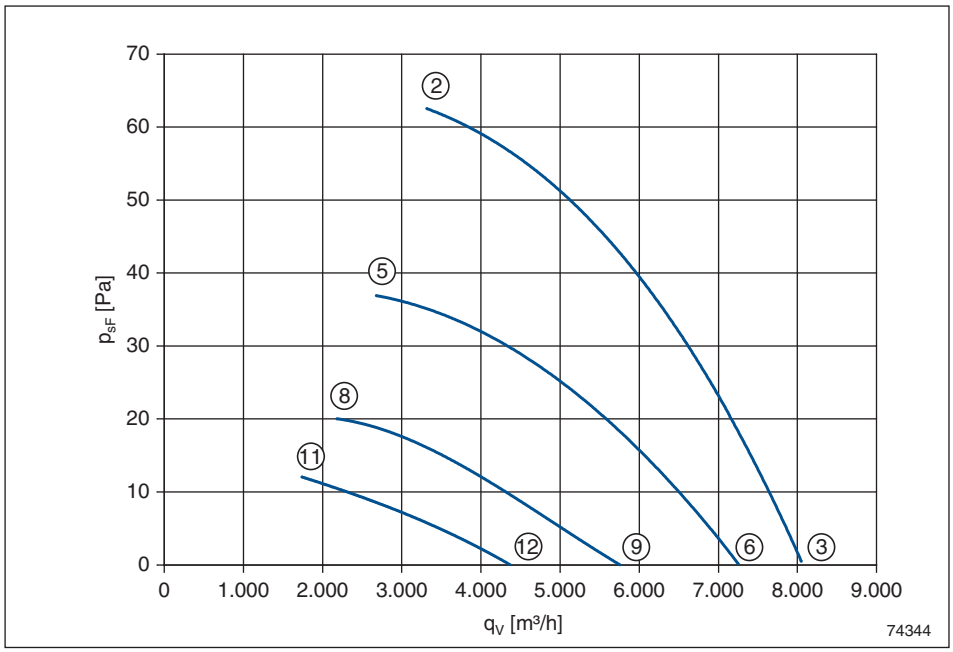
FN063-8E_.4I._7P1

Leistungsdaten
Performance data

1~ 230V ±10% 50Hz

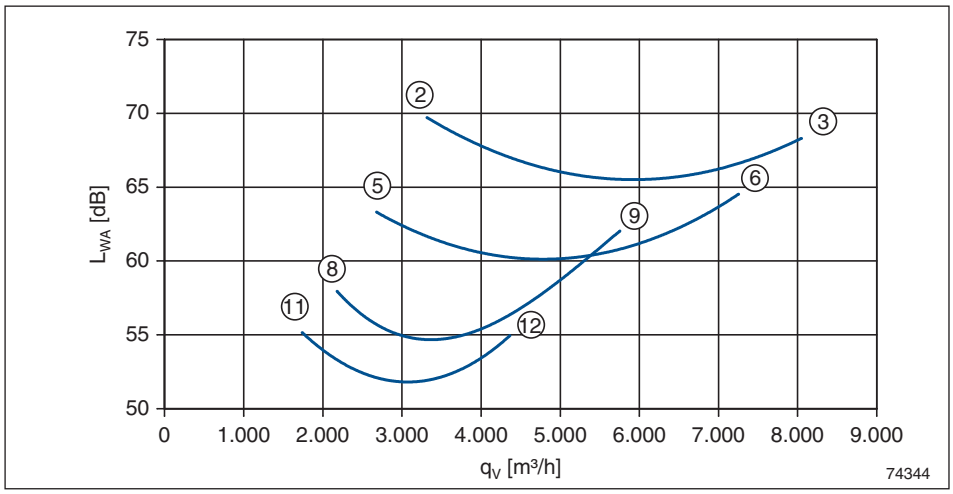
P_1	**0,33**	kW
I	**1,6**	A
n	**630**	min^{-1}
I_A	2,3	A
ΔI	0	%
C_{400V}	8	µF
t_R	65	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**230**	**1,6**	**330**	**630**
③		1,4	270	680
⑤	170	1,4	220	490
⑥		1,2	190	620
⑧	135	1,2	140	360
⑨		1,1	140	490
⑪	110	1,0	100	280
⑫		0,97	90	370

$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN063-8EA.4I.A7P1	**141 729**	**A**	A	11 kg	104XB	L-KL-2656	63
FN063-8EQ.4I.A7P1	**141 730**	**Q**	A	25 kg	104XB	L-KL-2660	64
FN063-8EA.4I.V7P1	**141 731**	**A**	V	11 kg	104XA	L-KL-2657	65
FN063-8EK.4I.V7P1	**141 732**	**K**	V	15 kg	104XA	L-KL-2659	66
FN063-8EQ.4I.V7P1	**141 733**	**Q**	V	24 kg	104XA	L-KL-2661	67
FN063-8EF.4I.V7P1	**141 734**	**F***	V	20 kg	104XA	L-KL-2662	68
FN063-8EF.4I.V7P1	**141 735**	**F****	V	21 kg	104XA	L-KL-2658	69

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

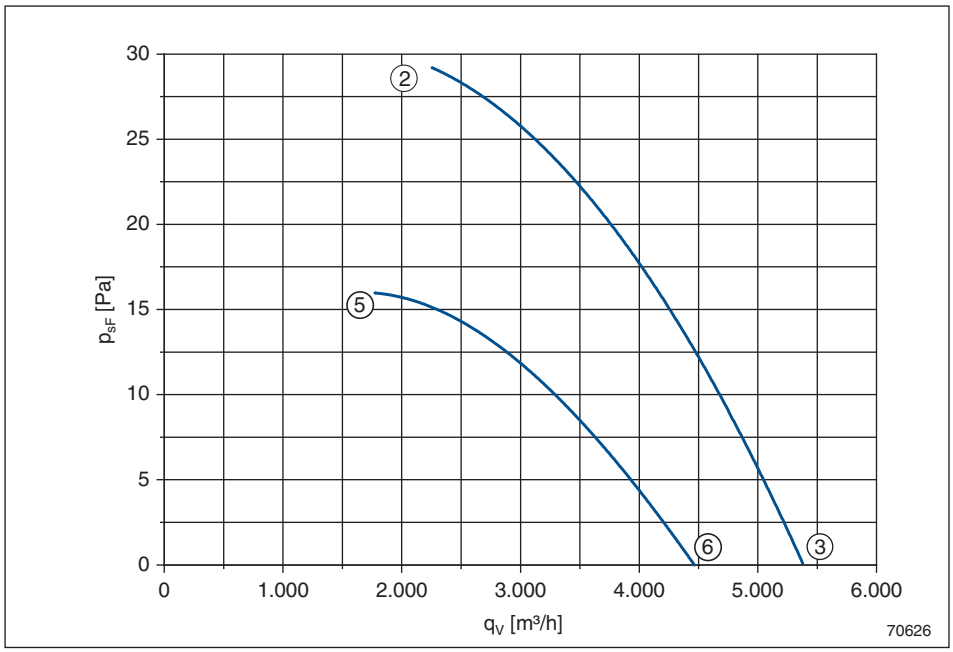
FN063-ND_.4F._7P1

Leistungsdaten
Performance data

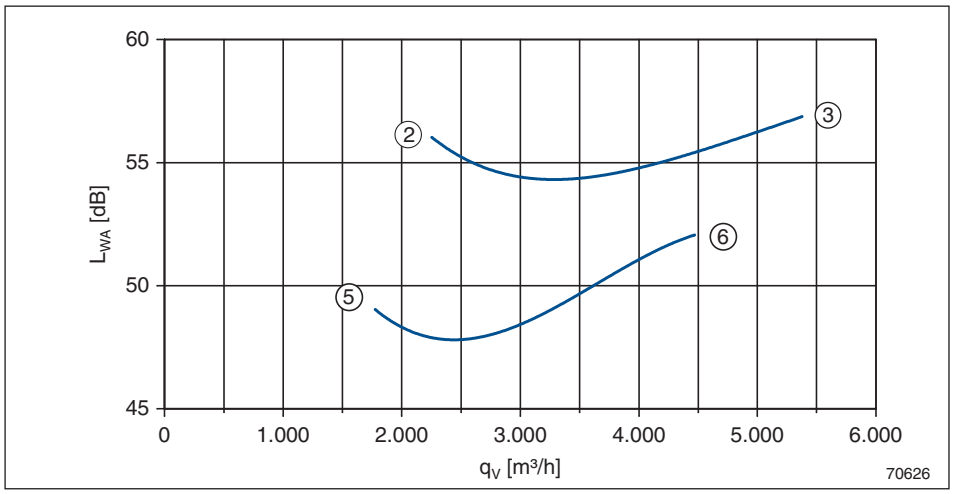
3~ 400V ±10% Δ/Y 50Hz

P_1	**0,13/0,07**	kW
I	**0,32/0,14**	A
n	**430/320**	min^{-1}
I_A	2,4/1,05	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**400**	**0,32**	**130**	**430**
③	Δ	0,31	105	460
⑤	**400**	**0,14**	**68**	**320**
⑥	Y	0,12	56	380



$p_{d2} = 4{,}6 \cdot 10^{-7} \cdot q_V^{\,2}$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

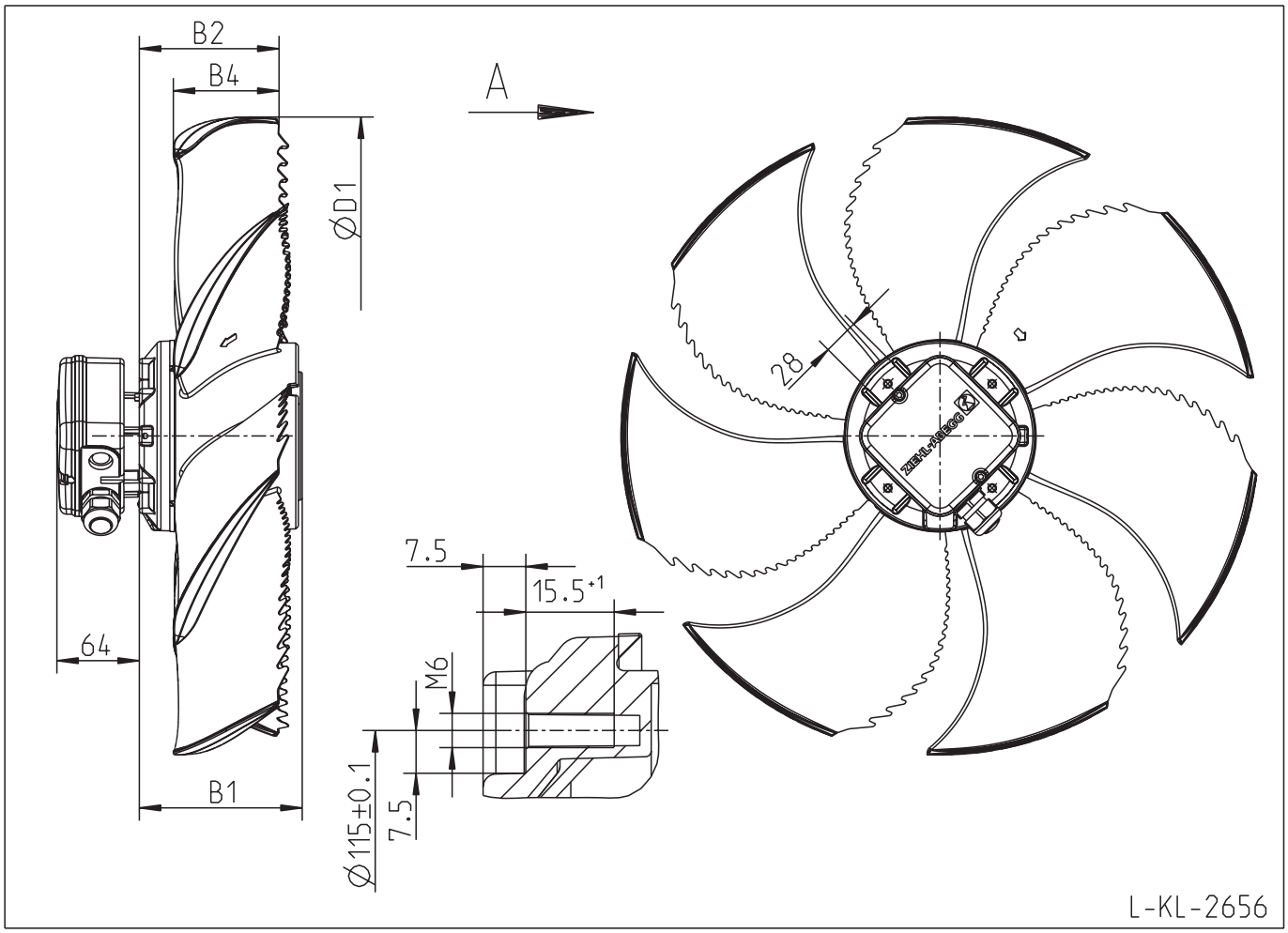
Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN063-NDA.4F.A7P1	**141 584**	**A**	A	9,3 kg	108XB	L-KL-2656	63
FN063-NDQ.4F.A7P1	**141 585**	**Q**	A	23 kg	108XB	L-KL-2660	64
FN063-NDA.4F.V7P1	**141 586**	**A**	V	9,3 kg	108XA	L-KL-2657	65
FN063-NDK.4F.V7P1	**141 587**	**K**	V	14 kg	108XA	L-KL-2659	66
FN063-NDQ.4F.V7P1	**141 588**	**Q**	V	22 kg	108XA	L-KL-2661	67
FN063-NDF.4F.V7P1	**141 589**	**F***	V	18 kg	108XA	L-KL-2662	68
FN063-NDF.4F.V7P1	**141 590**	**F****	V	19 kg	108XA	L-KL-2658	69

* ohne Berührschutz / *without guard grille* ** mit Berührschutz / *with guard grille*

FE2owlet

FN063-_ _A.4_.A7P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



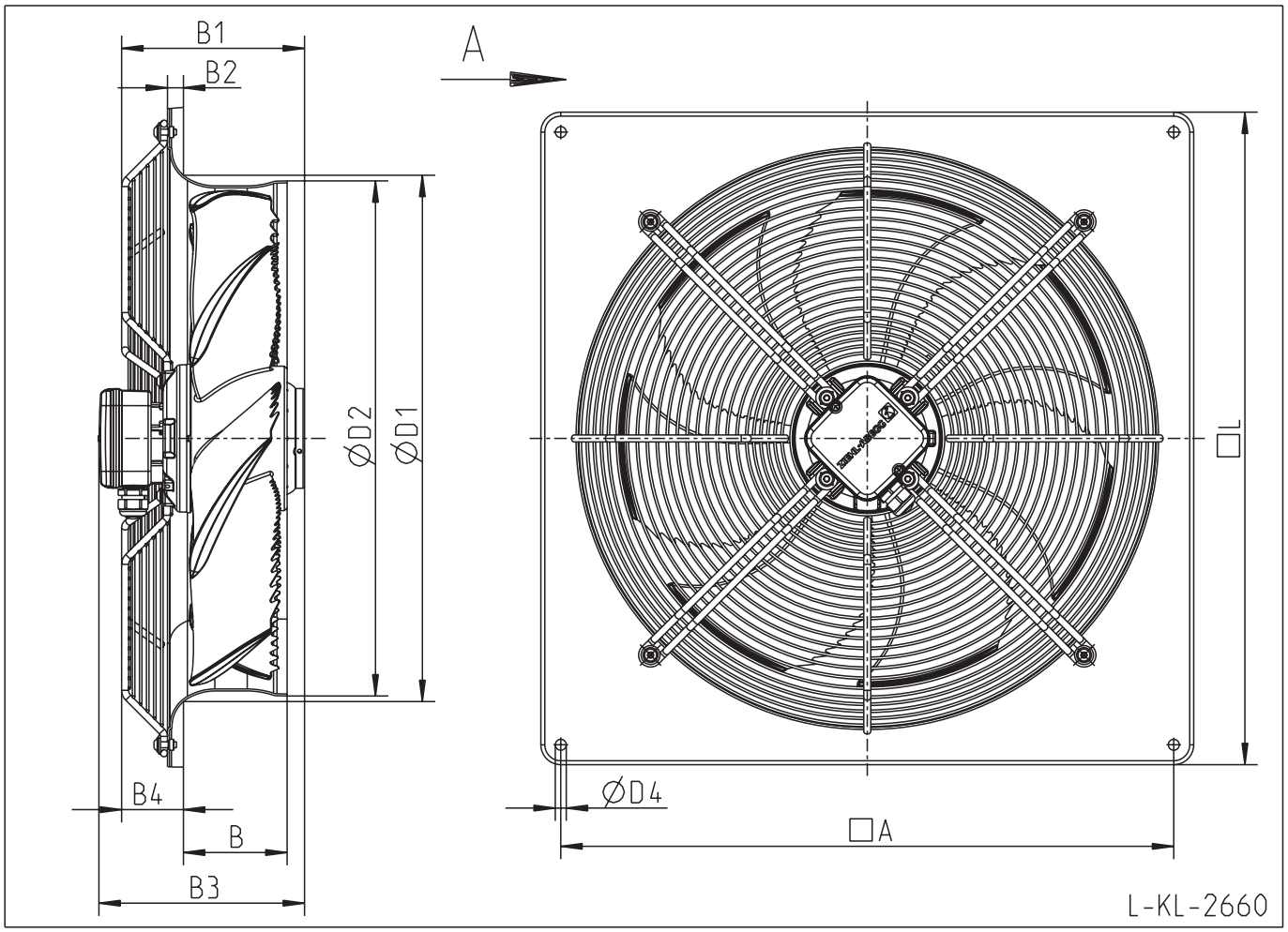
L-KL-2656

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN063-6EA.4I.A7P1	**141 722**	161	122	87	627
FN063-6EA.4M.A7P1	**141 736**	181	122	87	627
FN063-SDA.4I.A7P1	**141 381**	161	122	87	627
FN063-8EA.4I.A7P1	**141 729**	161	122	87	627
FN063-ADA.4I.A7P1	**141 374**	161	122	87	627
FN063-NDA.4F.A7P1	**141 584**	141	122	87	627

FE2owlet

FN063-_ _Q.4_.A7P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



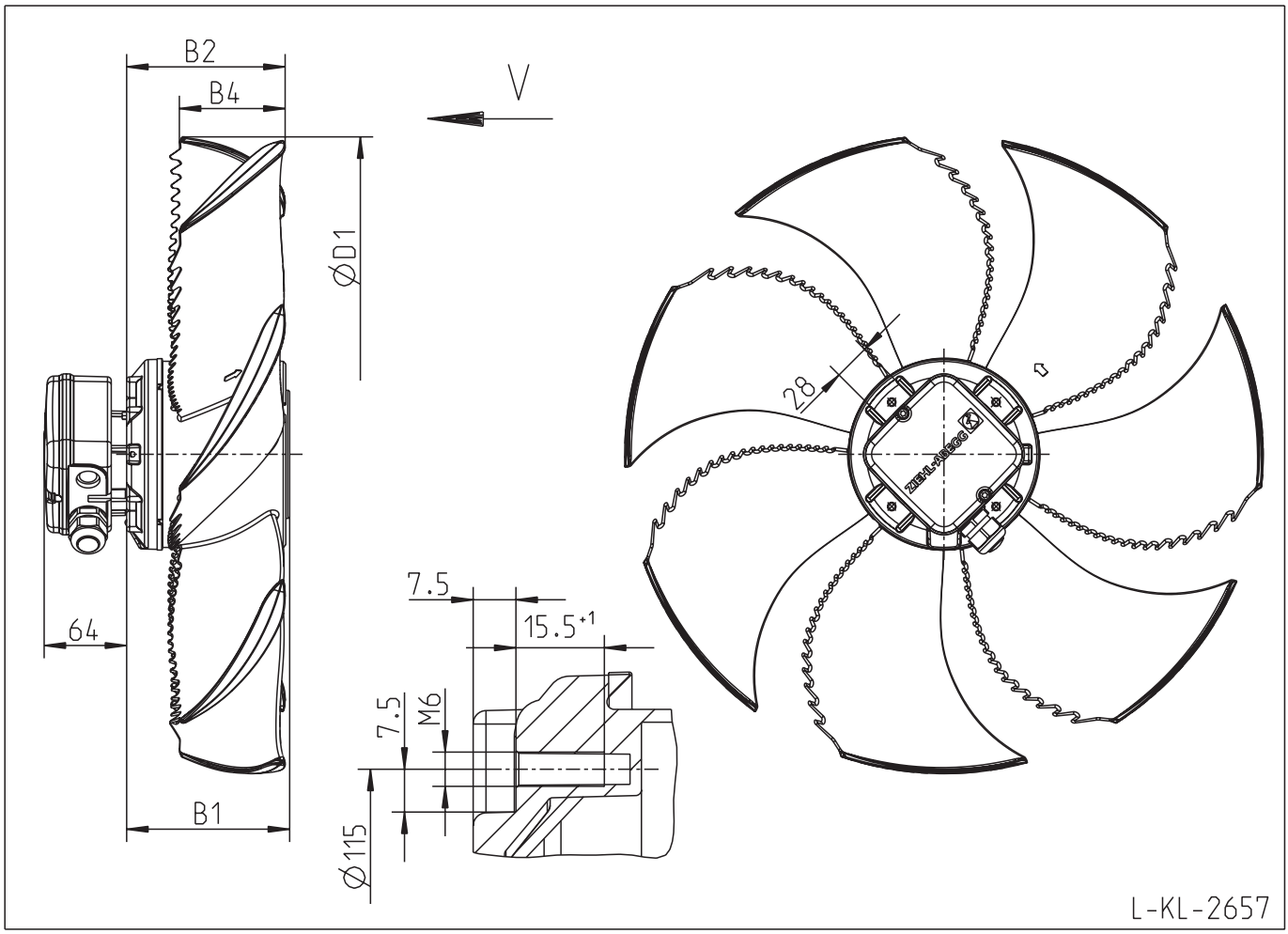
L-KL-2660

Typ *Type*	Artikel-Nr. *Article no.*	A	B	B1	B2	B3	B4	D1	D2	D4	L
FN063-6EQ.4I.A7P1	**141 723**	750	130	227	20	245	52	664	643	11	805
FN063-6EQ.4M.A7P1	**141 737**	750	130	207	20	225	52	664	643	11	805
FN063-SDQ.4I.A7P1	**141 382**	750	130	207	20	225	52	664	643	11	805
FN063-8DQ.4I.A7P1	**141 730**	750	130	207	20	225	52	664	643	11	805
FN063-ADQ.4I.A7P1	**141 375**	750	130	207	20	225	52	664	643	11	805
FN063-NDQ.4F.A7P1	**141 585**	750	130	187	20	205	52	664	643	11	805

FE2owlet

FN063-_ _A.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



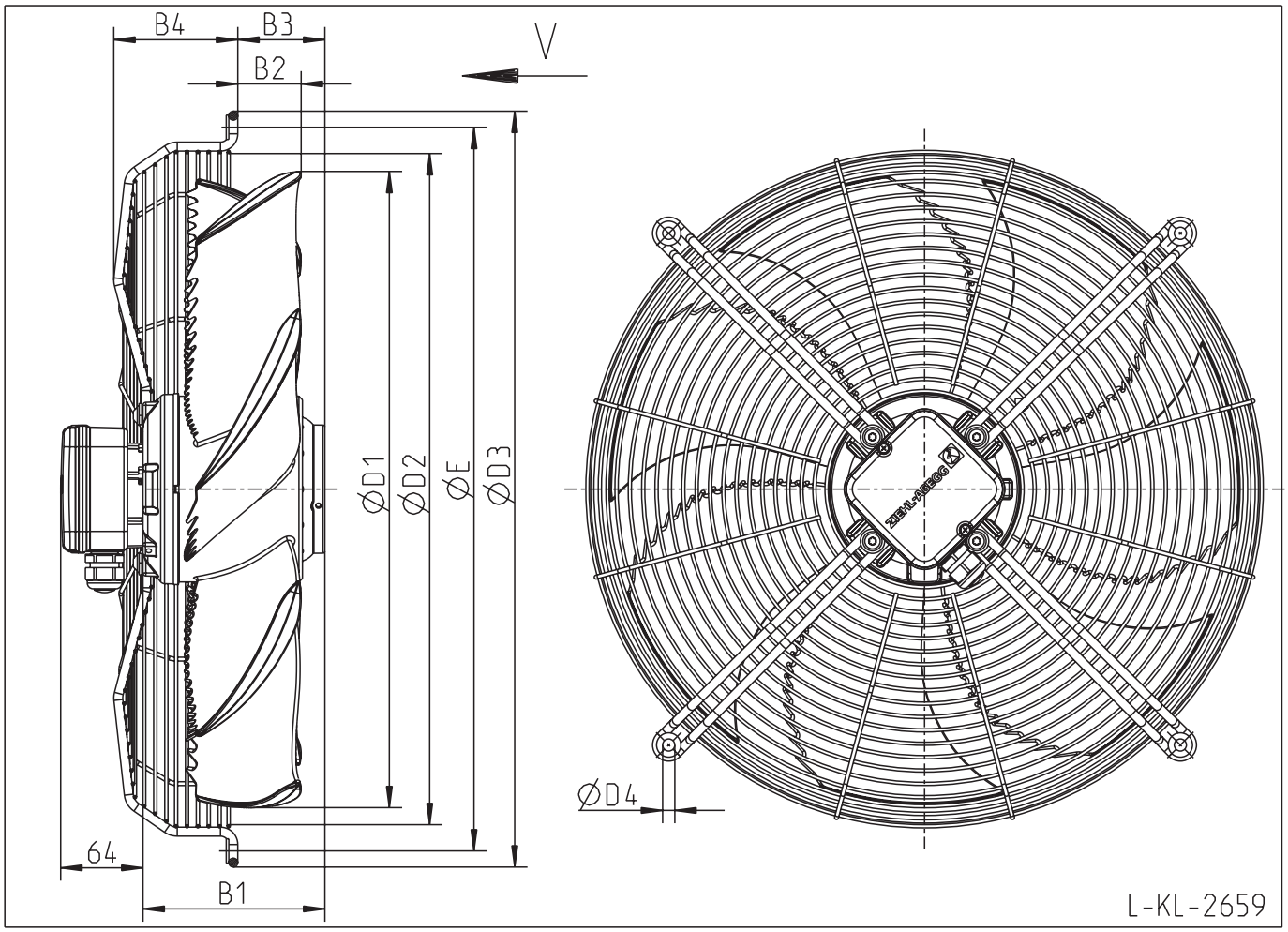
L-KL-2657

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN063-6EA.4I.V7P1	**141 724**	161	134	87	627
FN063-6EA.4M.V7P1	**141 738**	181	134	87	627
FN063-SDA.4I.V7P1	**141 383**	161	134	87	627
FN063-8EA.4I.V7P1	**141 731**	161	134	87	627
FN063-ADA.4I.V7P1	**141 376**	161	134	87	627
FN063-NDA.4F.V7P1	**141 586**	141	134	87	627

FE2owlet

FN063-_ _K.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**K**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



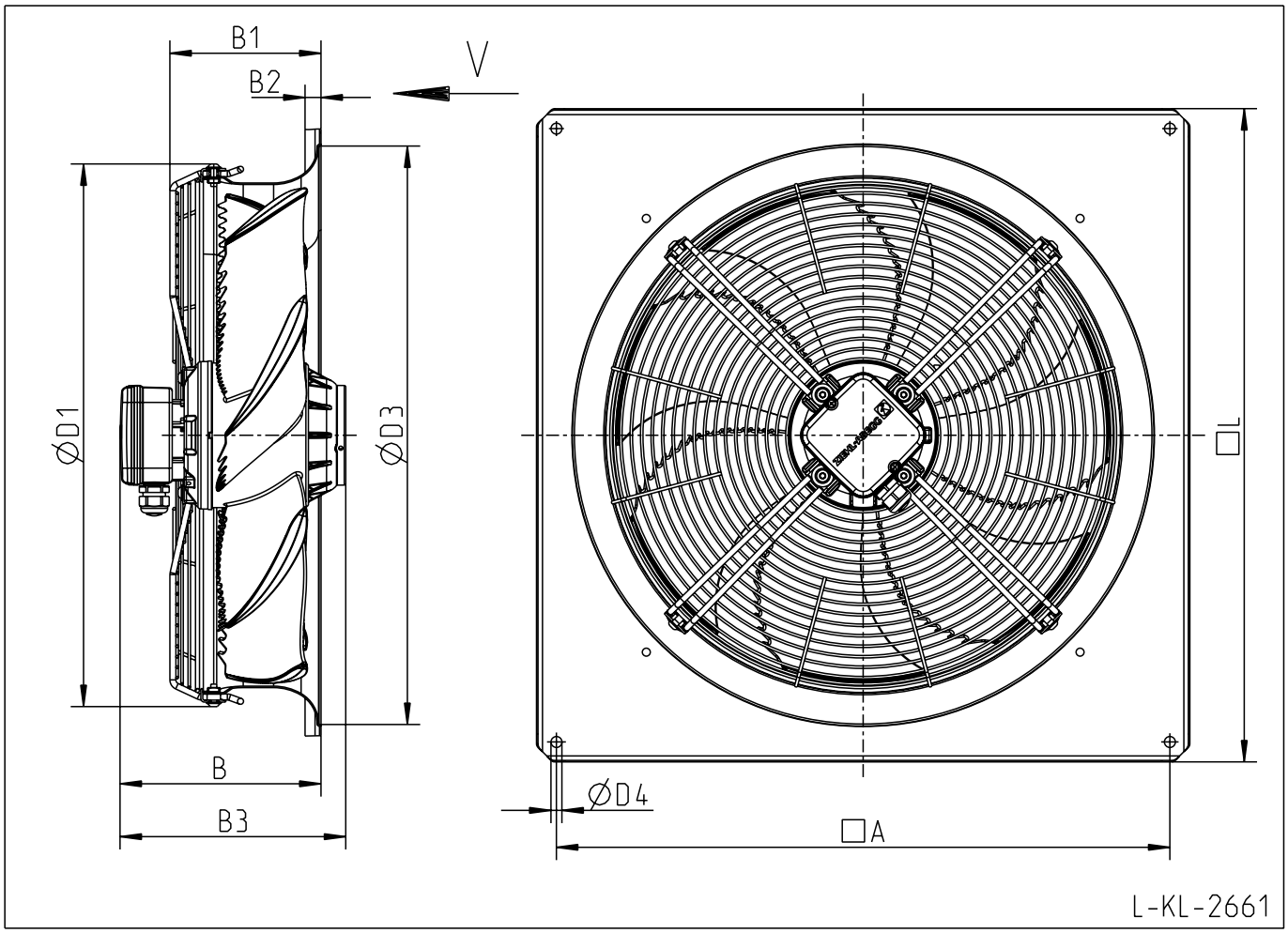
L-KL-2659

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1	D2	D3	D4	E
FN063-6EK.4I.V7P1	**141 725**	162	31	58	131	627	693	778	9,5	750
FN063-6EK.4M.V7P1	**141 739**	182	29	76	144	627	715	780	9,5	750
FN063-SDK.4I.V7P1	**141 384**	162	31	58	131	627	693	778	9,5	750
FN063-8EK.4I.V7P1	**141 732**	162	31	58	131	627	693	778	9,5	750
FN063-ADK.4I.V7P1	**141 377**	162	31	58	131	627	693	778	9,5	750
FN063-NDK.4F.V7P1	**141 587**	142	31	38	131	627	693	778	9,5	750

FE2owlet

FN063-_ _Q.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2661

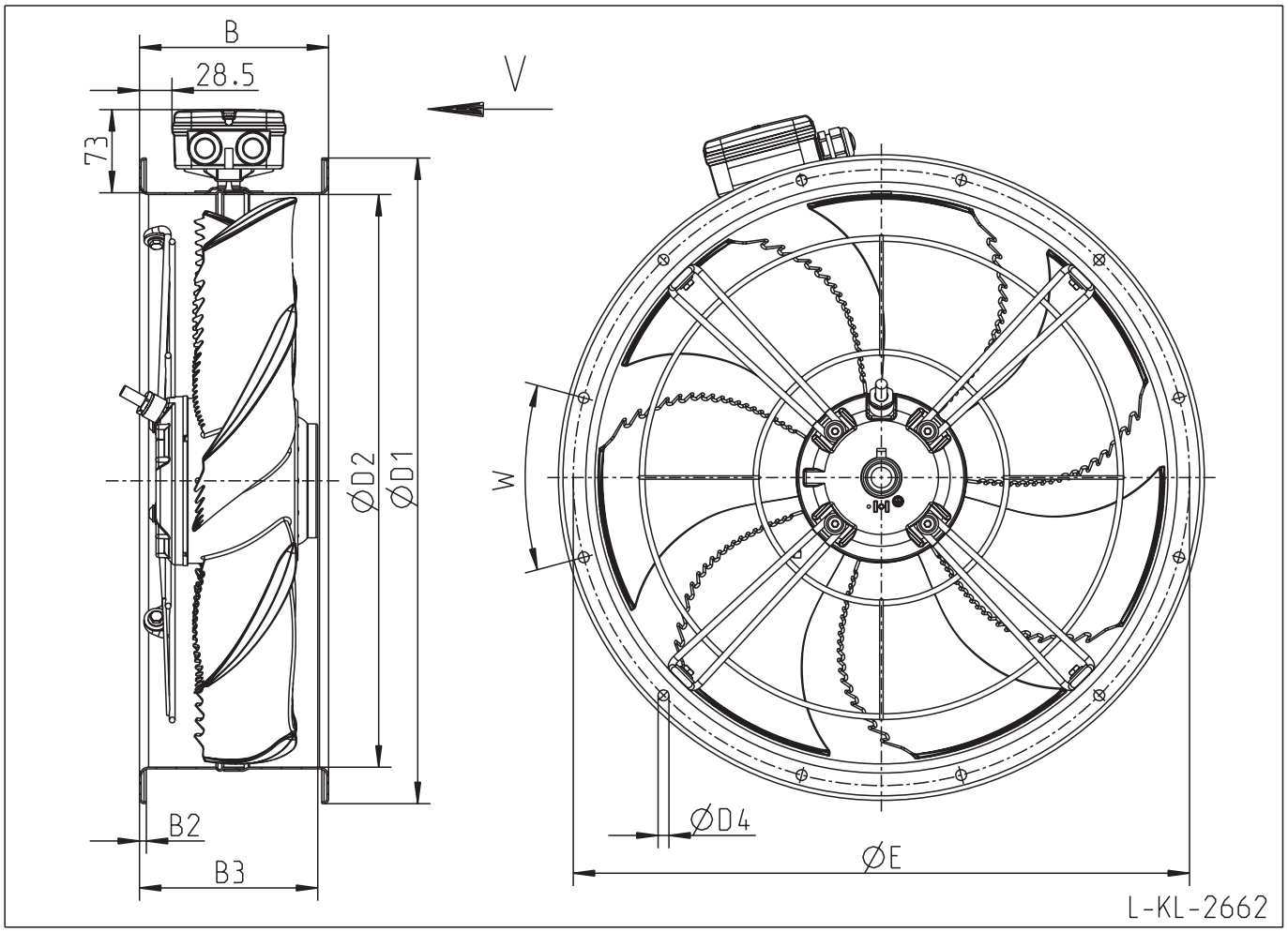
Typ *Type*	Artikel-Nr. *Article no.*	A	B	B1	B2	B3	D1	D3	D4	L
FN063-6EQ.4I.V7P1	**141 726**	750	241	211	20	225	682	696	11	805
FN063-6EQ.4M.V7P1	**141 740**	750	241	230	20	245	682	696	11	805
FN063-SDQ.4I.V7P1	**141 385**	750	241	211	20	225	682	696	11	805
FN063-8EQ.4I.V7P1	**141 733**	750	241	211	20	225	682	696	11	805
FN063-ADQ.4I.V7P1	**141 378**	750	241	211	20	225	682	696	11	805
FN063-NDQ.4F.V7P1	**141 588**	750	241	211	20	205	682	696	11	805

FE2owlet

FN063-_ _F.4_.V7P1

Luftförderrichtung *Airflow direction*	V
Bauform *Design*	F*)
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*

*) ohne Berührschutz / *without guard grille*



L-KL-2662

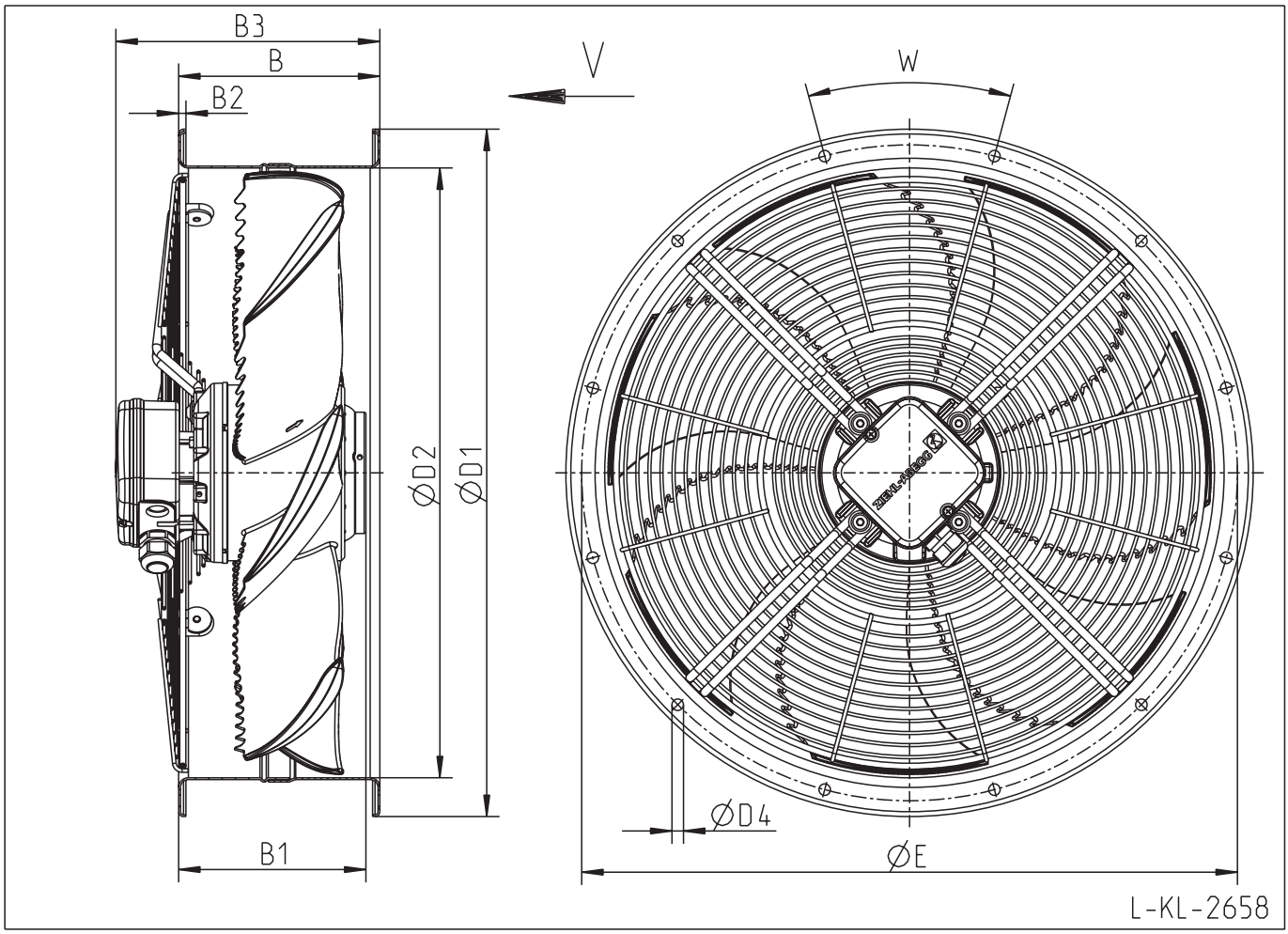
Typ *Type*	Artikel-Nr. *Article no.*	B	B2	B3	D1	D2	D4	E	W
FN063-6EF.4I.V7P1	**141 727**	220	7	186	707	634	11,5	674	16x22,5°
FN063-SDF.4I.V7P1	**141 386**	220	7	186	707	634	11,5	674	16x22,5°
FN063-8EF.4I.V7P1	**141 734**	220	7	186	707	634	11,5	674	16x22,5°
FN063-ADF.4I.V7P1	**141 379**	220	7	186	707	634	11,5	674	16x22,5°
FN063-NDF.4F.V7P1	**141 589**	220	7	166	707	634	11,5	674	16x22,5°

FE2owlet

FN063-_ _F.4_.V7P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**F*)**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*

*) mit Berührschutz / *with guard grille*



L-KL-2658

Typ *Type*	Artikel-Nr. *Article no.*	B	B1	B2	B3	D1	D2	D4	E	W
FN063-6EF.4I.V7P1	**141 728**	220	174	7	225	707	634	11,5	674	16x22,5°
FN063-6EF.4M.V7P1	**141 741**	220	194	7	225	707	634	11,5	674	16x22,5°
FN063-SDF.4I.V7P1	**141 387**	220	174	7	225	707	634	11,5	674	16x22,5°
FN063-8EF.4I.V7P1	**141 735**	220	174	7	225	707	634	11,5	674	16x22,5°
FN063-ADF.4I.V7P1	**141 380**	220	174	7	225	707	634	11,5	674	16x22,5°
FN063-NDF.4F.V7P1	**141 590**	220	154	7	225	707	634	11,5	674	16x22,5°

FE2owlet

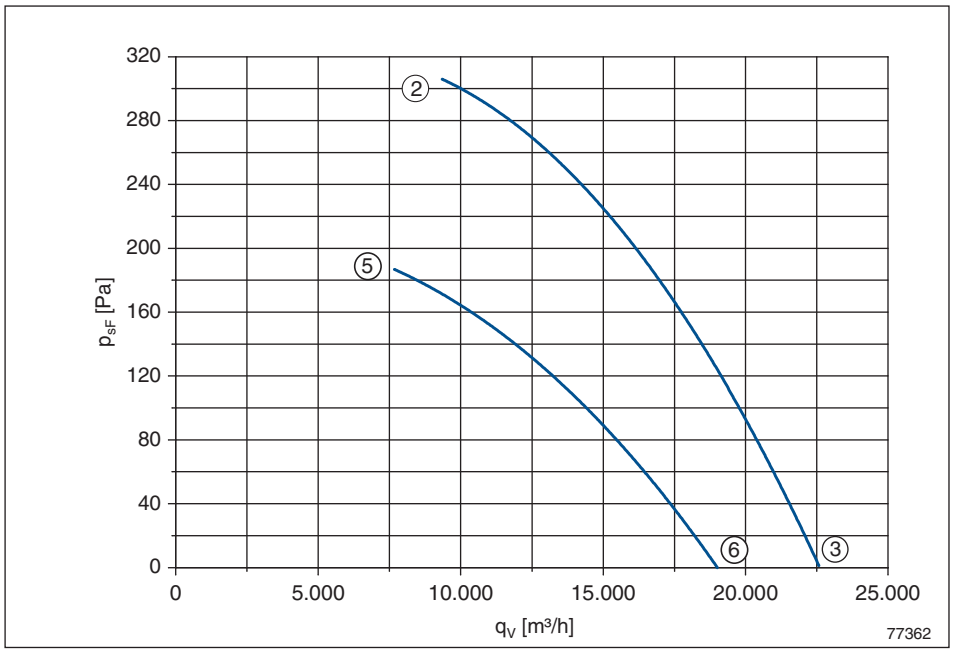
FN071-VD_.6N._7P2

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

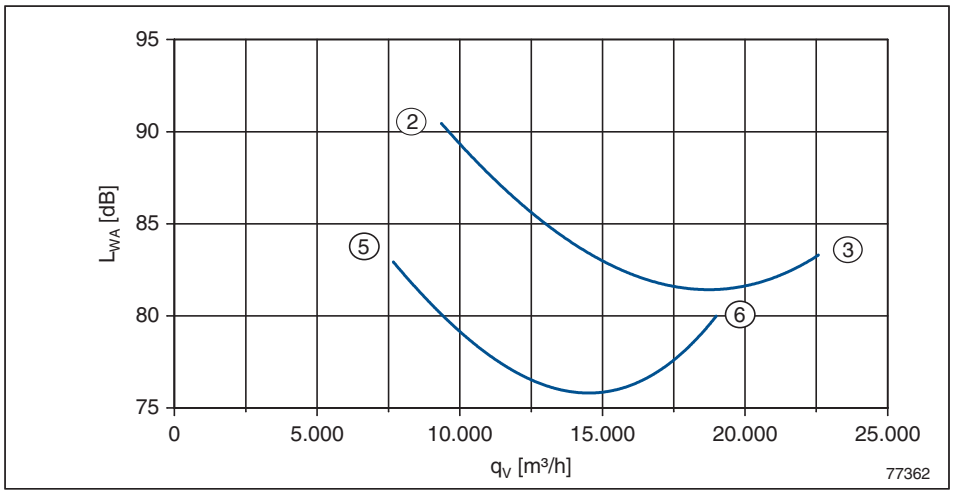
P_1	**2,6/1,75**	kW
I	**4,9/2,9**	A
n	**1330/1040**	min^{-1}
I_A	21/7	A
ΔI	5	%
t_R	60	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**4,9**	**2620**	**1330**
③	Δ	3,9	1900	1390
⑤	**400**	**2,9**	**1740**	**1040**
⑥	Y	2,3	1400	1170

$p_{d2} = 2{,}9 \cdot 10^{-7} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN071-VDA.6N.A7P2	**141 759**	**A**	A	23 kg	108XB	L-KL-2751	76
FN071-VDD.6N.A7P2	**141 760**	**D**	**A**	26 kg	108XB	L-KL-2752	77
FN071-VDQ.6N.A7P2	**141 761**	**Q**	**A**	37 kg	108XB	L-KL-2753	78
FN071-VDA.6N.V7P2	**141 767**	**A**	**V**	23 kg	108XA	L-KL-2754	79
FN071-VDK.6N.V7P2[*)]	**141 772**	**K**	**V**	-	108XA	-	-
FN071-VDQ.6N.V7P2	**141 777**	**Q**	**V**	40 kg	108XA	L-KL-2756	82
FN071-VDS.6N.V7P2	**141 782**	**S**	**V**	29 kg	108XA	L-KL-2755	81
FN071-VDF.6N.V7P2	**141 787**	**F**	**V**	38 kg	108XA	L-KL-2750	83

*) auf Anfrage / *on request*

FE2owlet

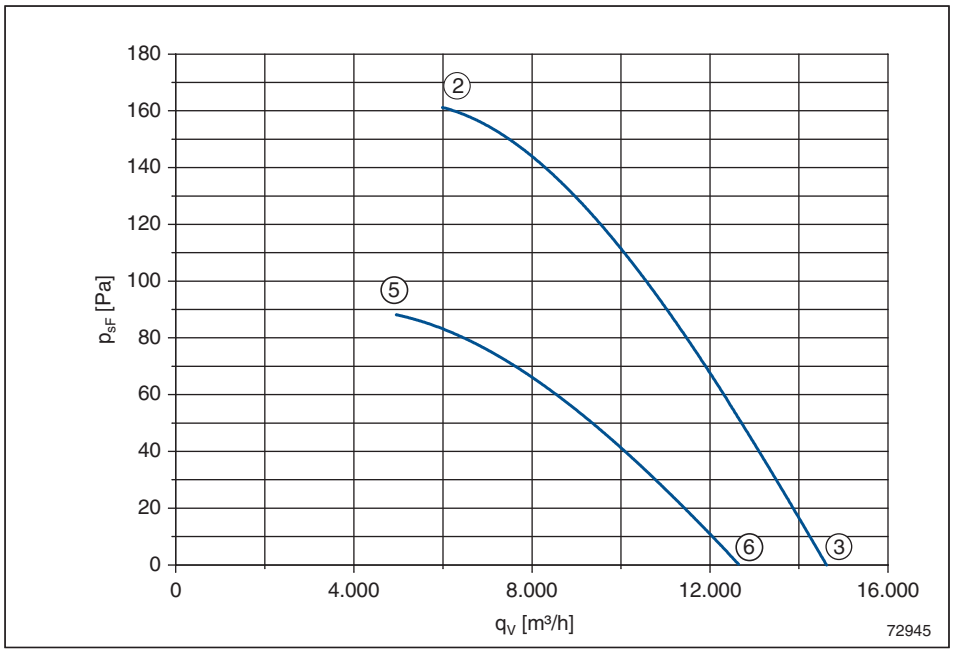
FN071-SD_.6F._7P1

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

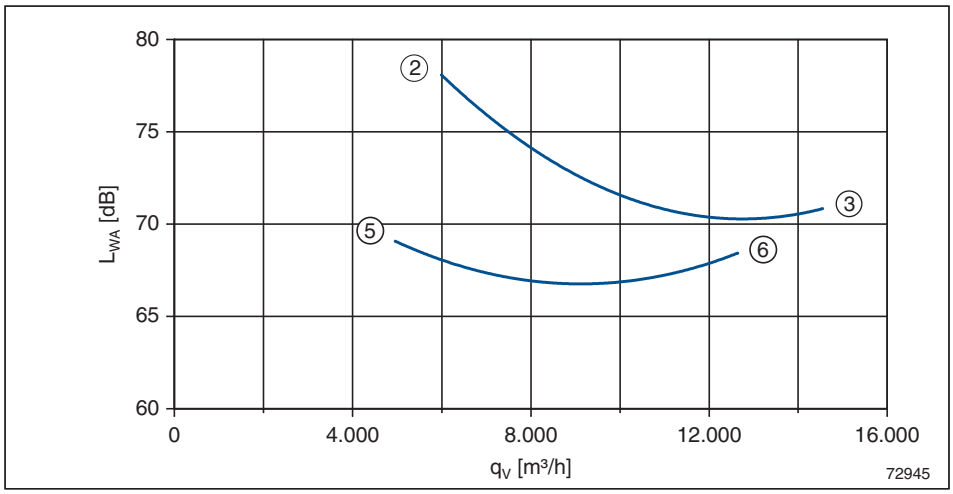
P_1	**0,94/0,64**	kW
I	**1,75/1,10**	A
n	**900/670**	min^{-1}
I_A	5,8/2	A
ΔI	10	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**1,75**	**940**	**900**
③	Δ	1,25	560	940
⑤	**400**	**1,10**	**640**	**670**
⑥	Y	0,77	450	820

$p_{d2} = 2{,}9 \cdot 10^{-7} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN071-SDA.6F.A7P1	**141 747**	**A**	A	17 kg	108XB	L-KL-2751	76
FN071-SDD.6F.A7P1	**141 748**	**D**	A	21 kg	108XB	L-KL-2752	77
FN071-SDQ.6F.A7P1	**141 749**	**Q**	A	32 kg	108XB	L-KL-2753	78
FN071-SDA.6F.V7P1	**141 768**	**A**	V	17 kg	108XA	L-KL-2754	79
FN071-SDK.6F.V7P1	**141 773**	**K**	V	26 kg	108XA	L-KL-2749	80
FN071-SDQ.6F.V7P1	**141 778**	**Q**	V	34 kg	108XA	L-KL-2756	82
FN071-SDS.6F.V7P1	**141 783**	**S**	V	23 kg	108XA	L-KL-2755	81
FN071-SDF.6F.V7P1	**141 788**	**F**	V	33 kg	108XA	L-KL-2750	83

ZIEHL-ABEGG

FE2owlet

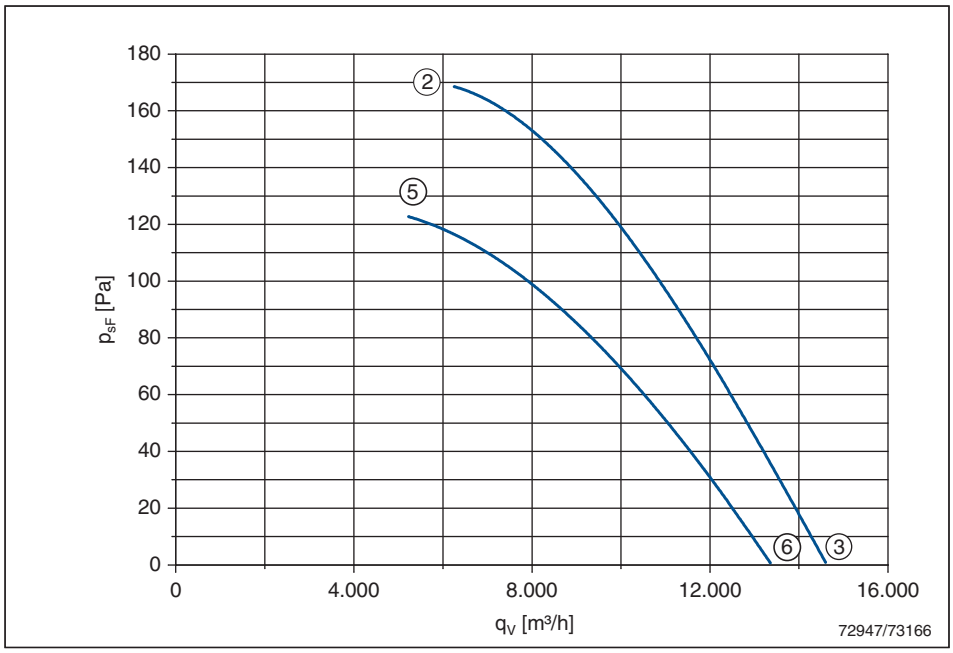
FN071-SD_.6K._7P1

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

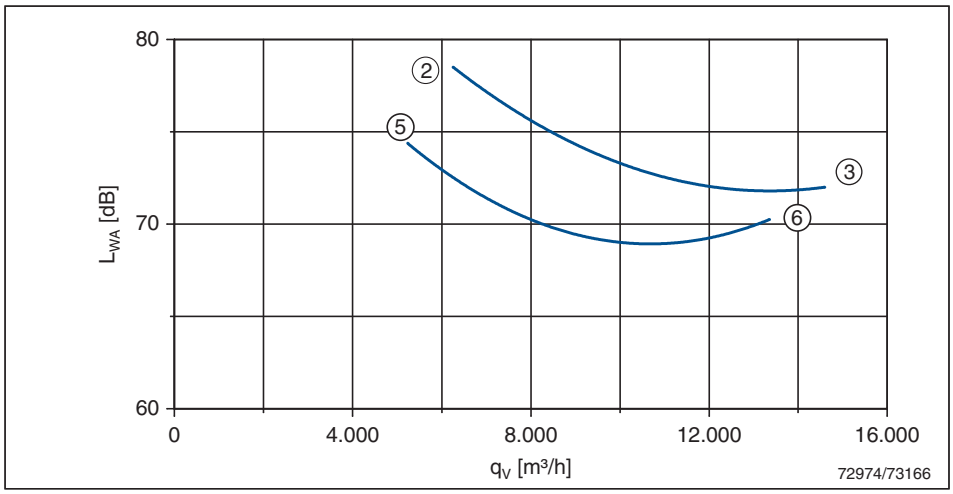
P_1	**1,0/0,71**	kW
I	**2,5/1,25**	A
n	**910/780**	min^{-1}
I_A	9,0/3,0	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**2,50**	**1000**	**910**
③	Δ	2,20	630	950
⑤	**400**	**1,25**	**710**	**780**
⑥	Y	0,92	470	870

$p_{d2} = 2{,}9 \cdot 10^{-7} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN071-SDA.6K.A7P1	**141 750**	**A**	A	21 kg	108XB	L-KL-2751	76
FN071-SDD.6K.A7P1	**141 751**	**D**	A	24 kg	108XB	L-KL-2752	77
FN071-SDQ.6K.A7P1	**141 752**	**Q**	A	35 kg	108XB	L-KL-2753	78
FN071-SDA.6K.V7P1	**141 769**	**A**	V	21 kg	108XA	L-KL-2754	79
FN071-SDK.6K.V7P1	**141 774**	**K**	V	30 kg	108XA	L-KL-2749	80
FN071-SDQ.6K.V7P1	**141 779**	**Q**	V	38 kg	108XA	L-KL-2756	82
FN071-SDS.6K.V7P1	**141 784**	**S**	V	27 kg	108XA	L-KL-2755	81
FN071-SDF.6K.V7P1	**141 789**	**F**	V	37 kg	108XA	L-KL-2750	83

FE2owlet

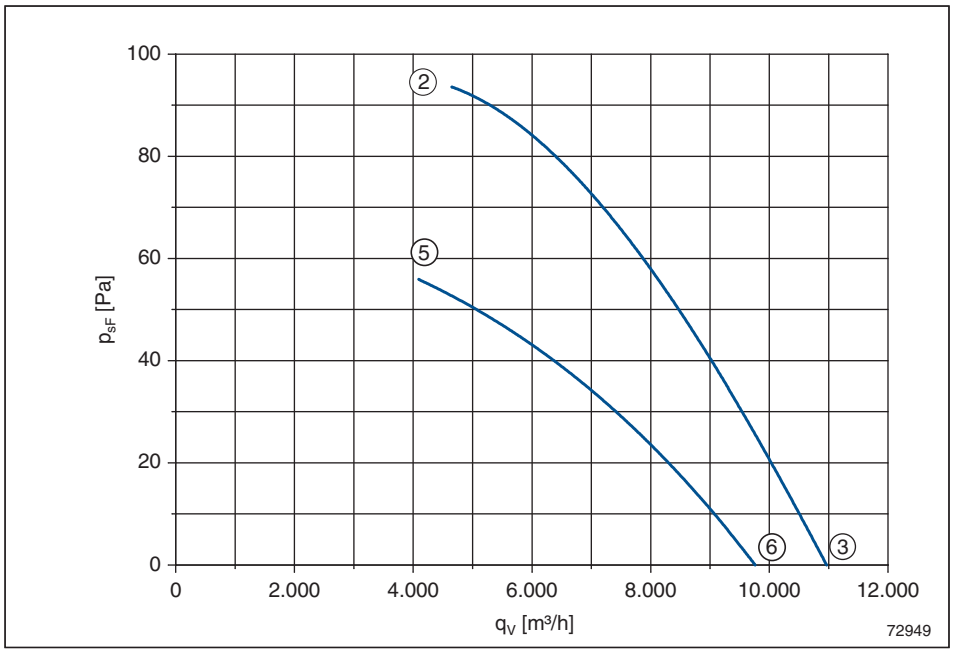
FN071-AD_.6F._7P1

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

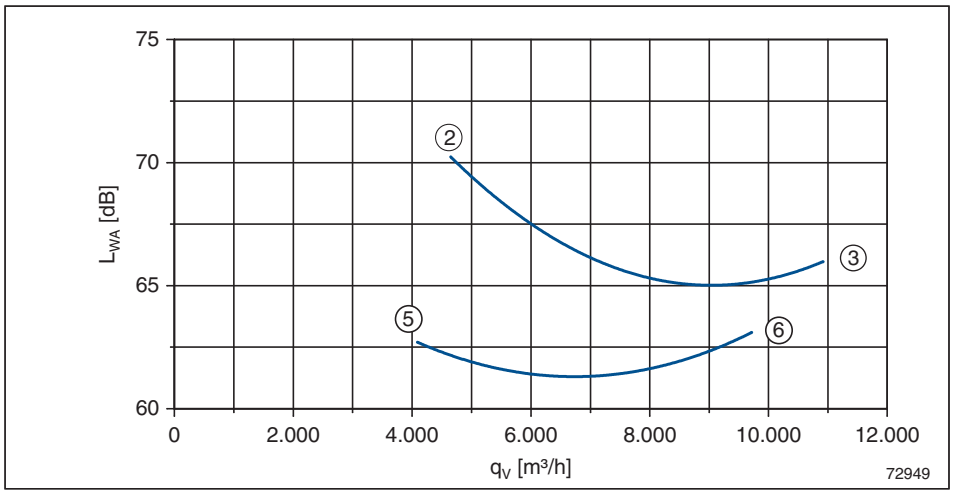
P_1	**0,47/0,31**	kW
I	**1,10/0,61**	A
n	**680/530**	min^{-1}
I_A	3,2/1,1	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**400**	**1,10**	**470**	**680**
③	Δ	0,96	300	710
⑤	**400**	**0,61**	**310**	**530**
⑥	Y	0,43	210	640

$p_{d2} = 2{,}9 \cdot 10^{-7} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN071-ADA.6F.A7P1	**141 753**	**A**	A	17 kg	108XB	L-KL-2751	76
FN071-ADD.6F.A7P1	**141 754**	**D**	A	21 kg	108XB	L-KL-2752	77
FN071-ADQ.6F.A7P1	**141 755**	**Q**	A	32 kg	108XB	L-KL-2753	78
FN071-ADA.6F.V7P1	**141 770**	**A**	V	17 kg	108XA	L-KL-2754	79
FN071-ADK.6F.V7P1	**141 775**	**K**	V	26 kg	108XA	L-KL-2749	80
FN071-ADQ.6F.V7P1	**141 780**	**Q**	V	34 kg	108XA	L-KL-2756	82
FN071-ADS.6F.V7P1	**141 785**	**S**	V	23 kg	108XA	L-KL-2755	81
FN071-ADF.6F.V7P1	**141 790**	**F**	V	33 kg	108XA	L-KL-2750	83

ZIEHL-ABEGG

FE2owlet

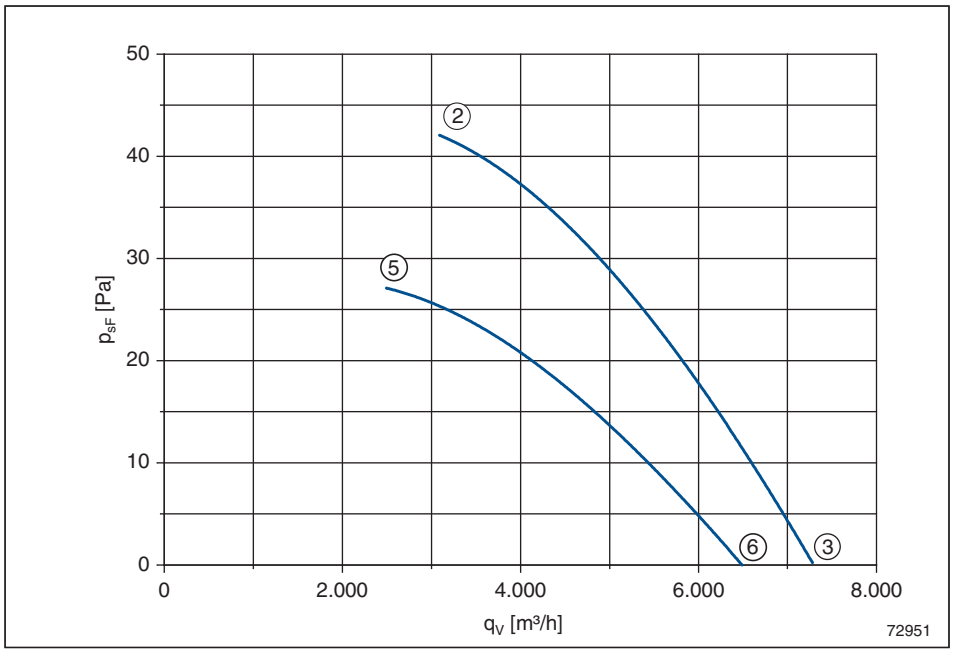
FN071-ND_.6F._7P1

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

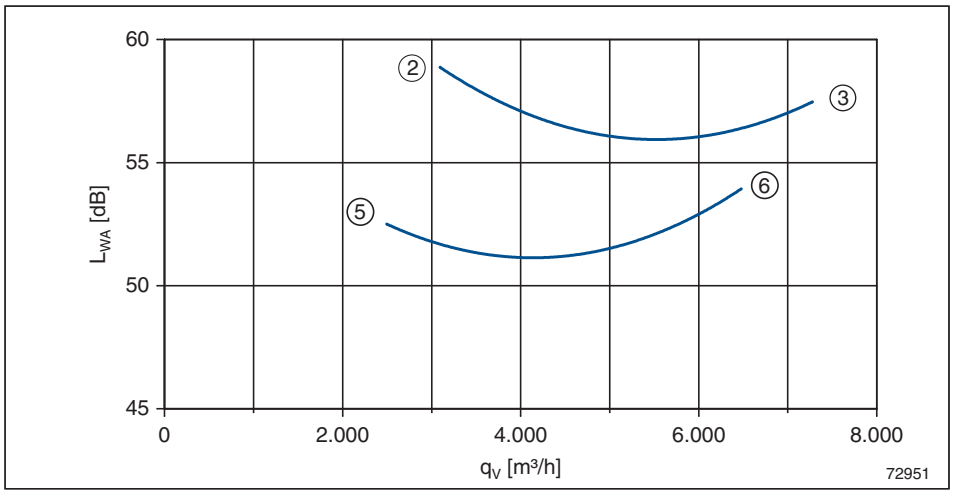
P_1	**0,18/0,1**	kW
I	**0,53/0,24**	A
n	**450/360**	min^{-1}
I_A	1,0/0,33	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**0,53**	**175**	**450**
③	Δ	0,51	125	470
⑤	**400**	**0,24**	**105**	**360**
⑥	Y	0,19	76	420

$p_{d2} = 2{,}9 \cdot 10^{-7} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

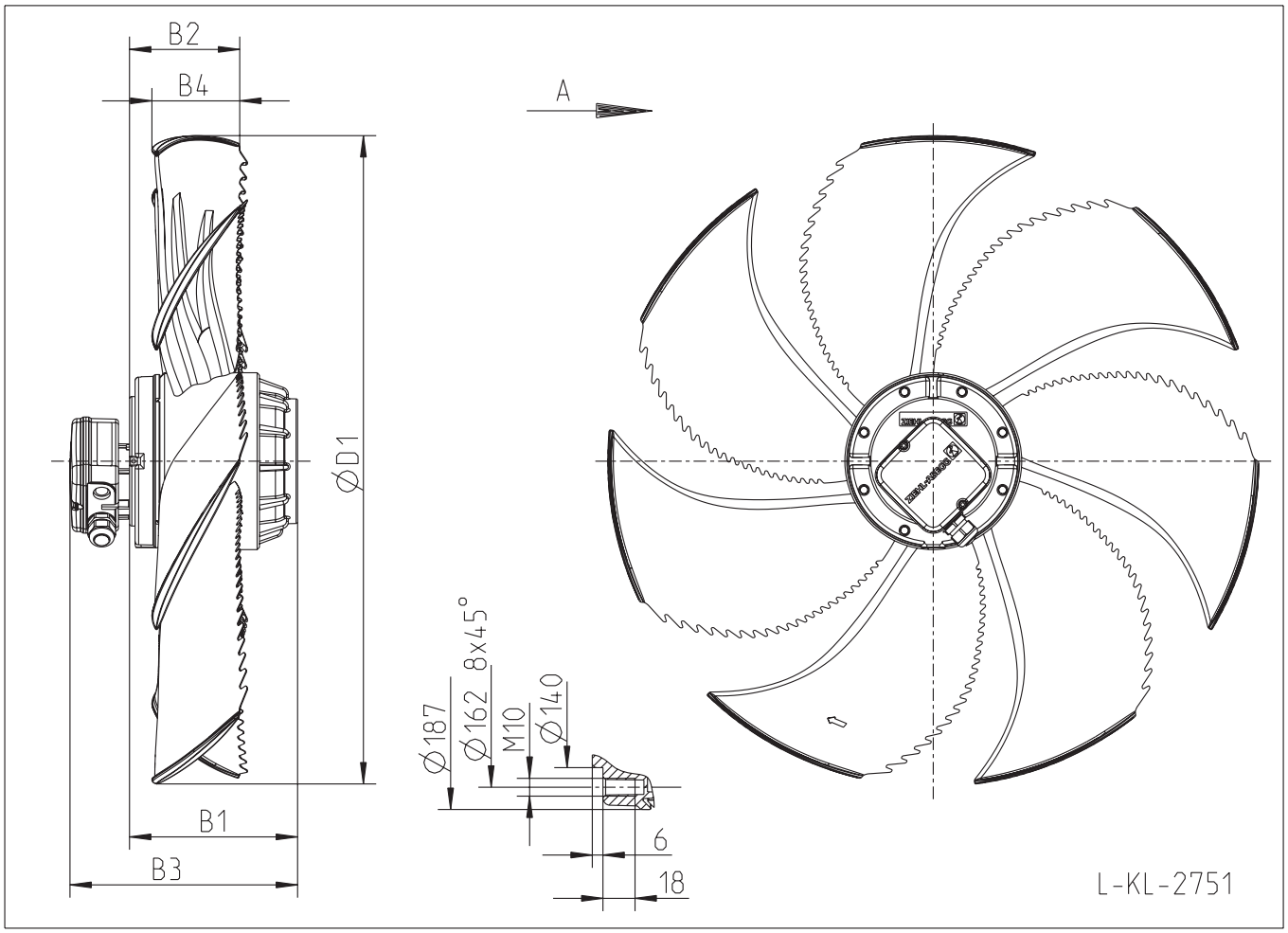
Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN071-NDA.6F.A7P1	**141 756**	**A**	A	17 kg	108XB	L-KL-2751	76
FN071-NDD.6F.A7P1	**141 757**	**D**	A	21 kg	108XB	L-KL-2752	77
FN071-NDQ.6F.A7P1	**141 758**	**Q**	A	32 kg	108XB	L-KL-2753	78
FN071-NDA.6F.V7P1	**141 771**	**A**	V	17 kg	108XA	L-KL-2754	79
FN071-NDK.6F.V7P1	**141 776**	**K**	V	26 kg	108XA	L-KL-2749	80
FN071-NDQ.6F.V7P1	**141 781**	**Q**	V	34 kg	108XA	L-KL-2756	82
FN071-NDS.6F.V7P1	**141 786**	**S**	V	23 kg	108XA	L-KL-2755	81
FN071-NDF.6F.V7P1	**141 791**	**F**	V	33 kg	108XA	L-KL-2750	83

FE2owlet

FN071-_ DA.6_.A7P_

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



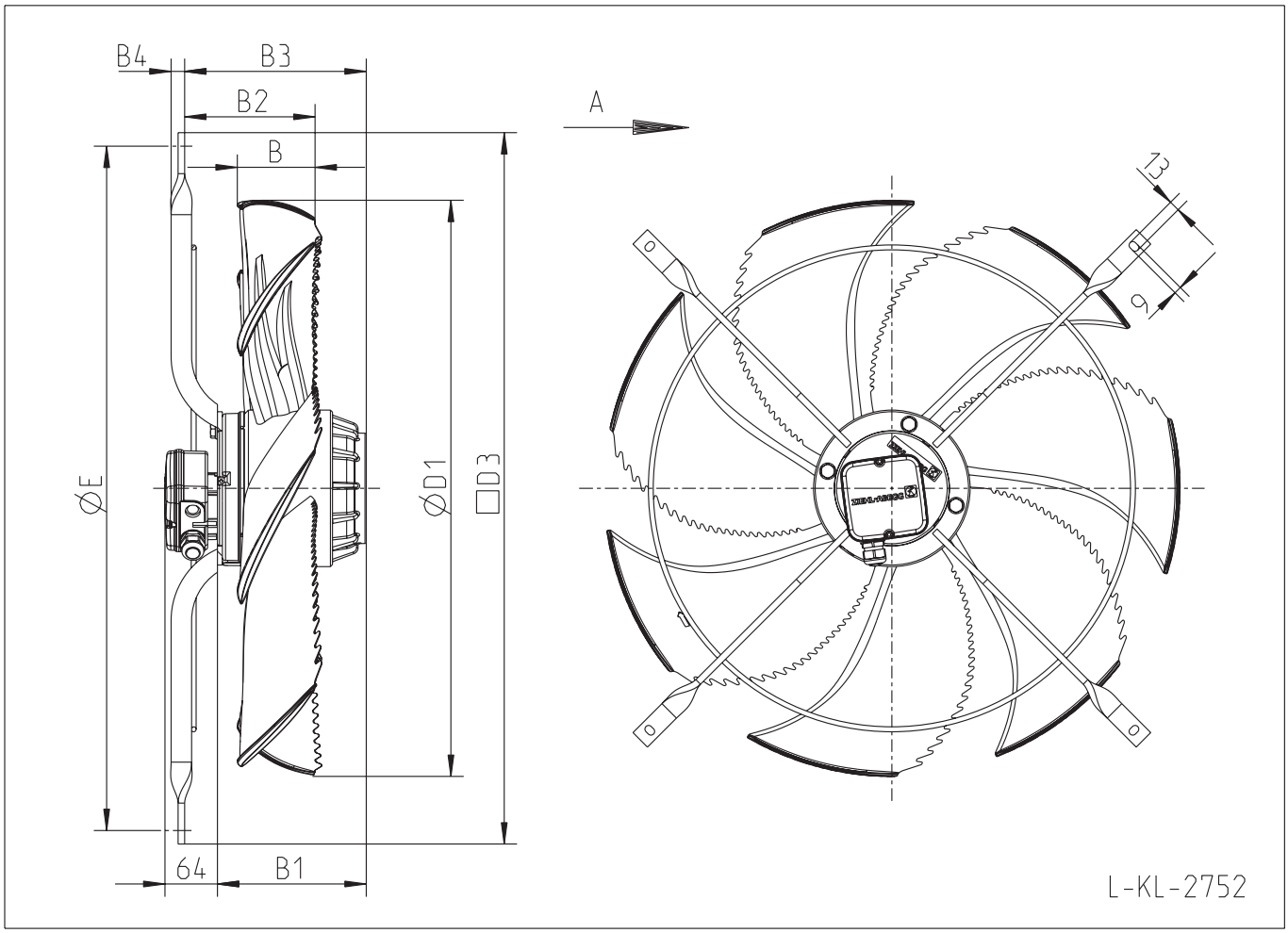
L-KL-2751

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1
FN071-VDA.6N.A7P2	**141 759**	208	120	272	69	703
FN071-SDA.6F.A7P1	**141 747**	162	119	226	95	703
FN071-SDA.6K.A7P1	**141 750**	182	119	246	95	703
FN071-ADA.6F.A7P1	**141 753**	162	119	226	95	703
FN071-NDA.6F.A7P1	**141 756**	162	119	226	95	703

FE2owlet

FN071-_ DD.6_.A7P_

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**D**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



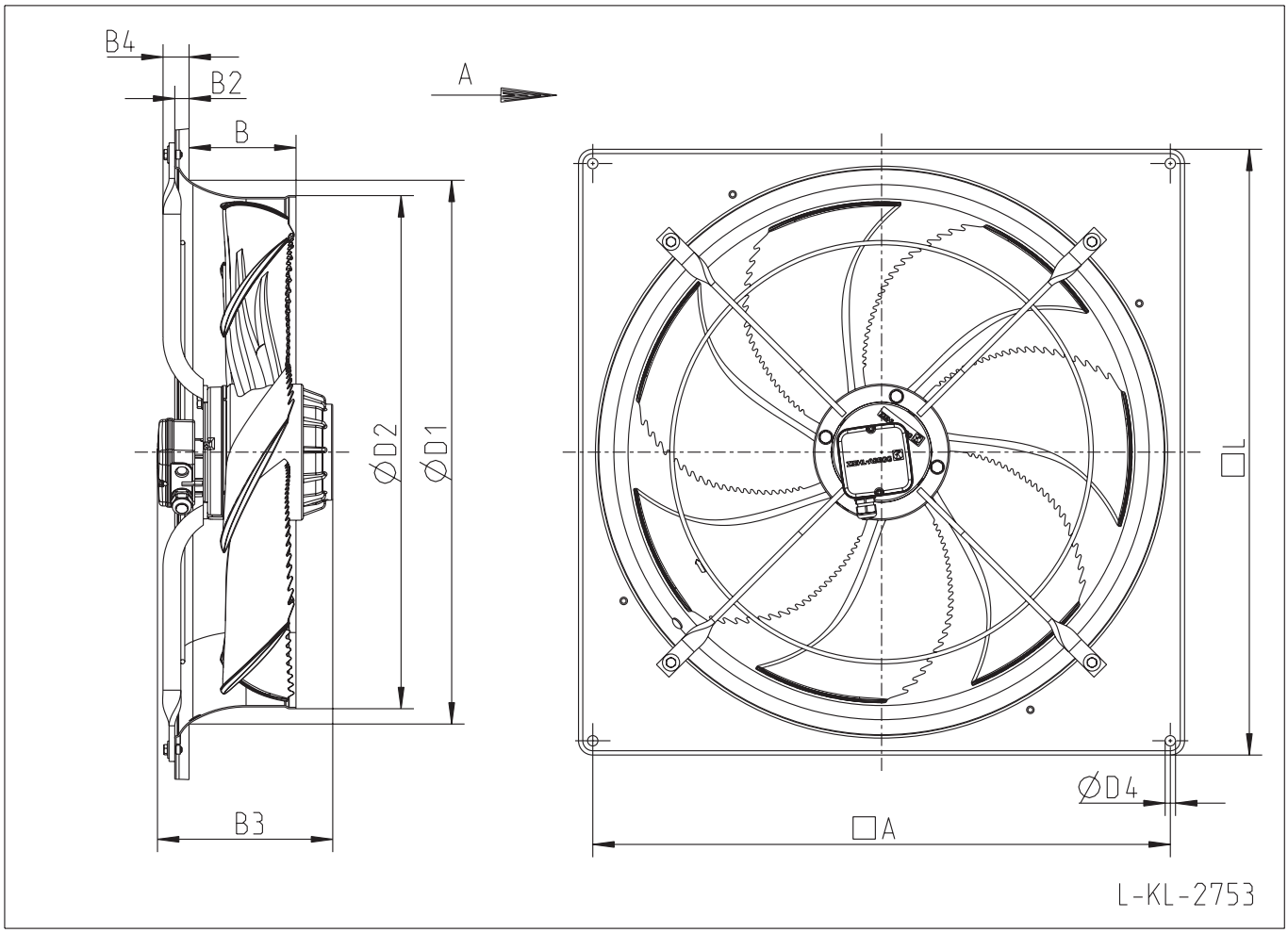
L-KL-2752

Typ *Type*	Artikel-Nr. *Article no.*	B	B1	B2	B3	B4	D1	D3	E
FN071-VDD.6N.A7P2	**141 760**	69	208	159	248	16,5	703	868	835
FN071-SDD.6F.A7P1	**141 748**	95	162	159	201	16,5	703	868	835
FN071-SDD.6K.A7P1	**141 751**	95	182	159	222	16,5	703	868	835
FN071-ADD.6F.A7P1	**141 754**	95	162	159	201	16,5	703	868	835
FN071-NDD.6F.A7P1	**141 757**	95	162	159	201	16,5	703	868	835

FE2owlet

FN071-_ DQ.6_.A7P_

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



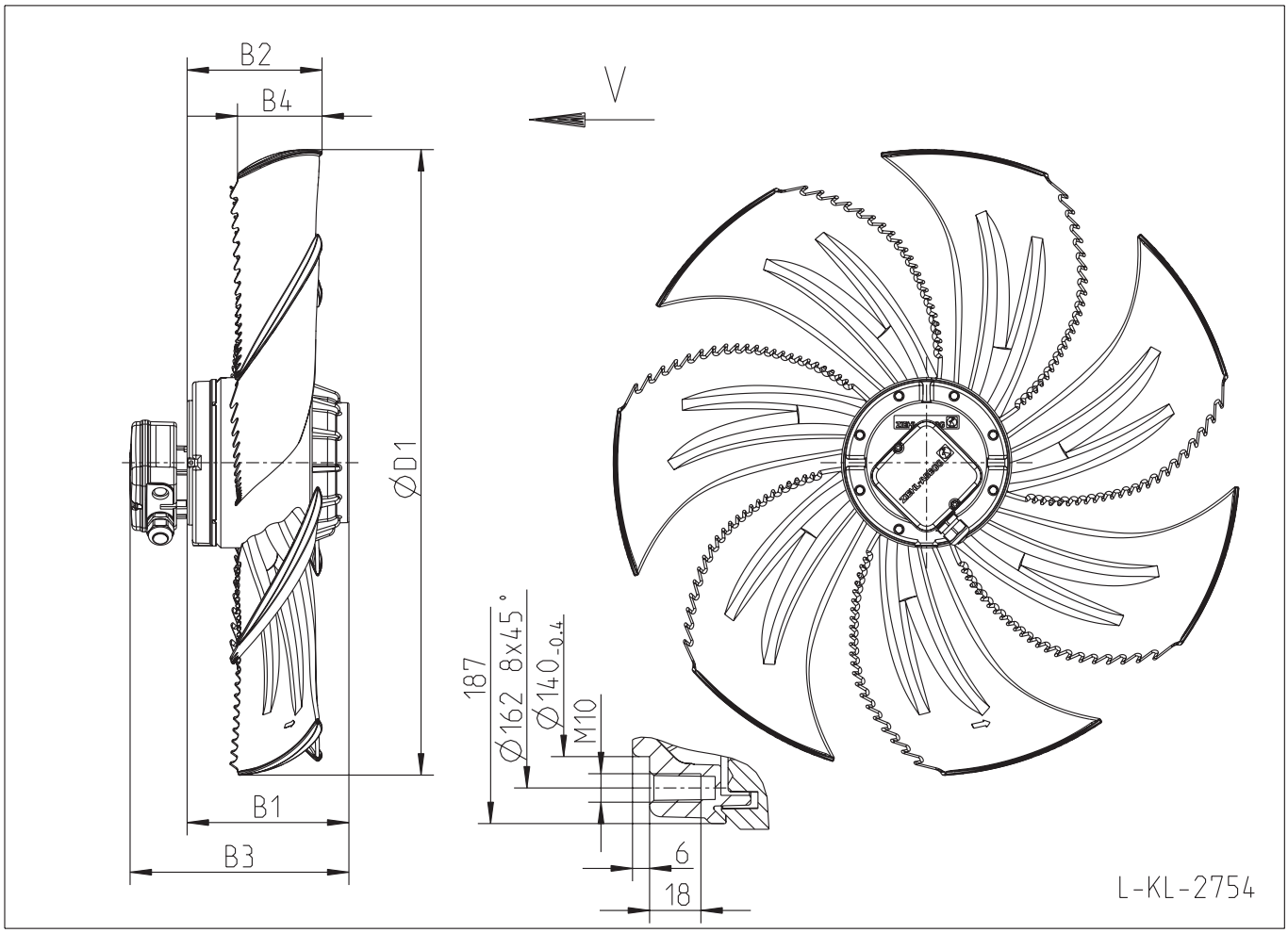
L-KL-2753

Typ *Type*	Artikel-Nr. *Article no.*	B	B2	B3	B4	D1	D2	D4	A	L
FN071-VDQ.6N.A7P2	**141 761**	150	20	272	37	763	720	14,5	810	850
FN071-SDQ.6F.A7P1	**141 749**	150	20	226	37	763	720	14,5	810	850
FN071-SDQ.6K.A7P1	**141 752**	150	20	246	37	763	720	14,5	810	850
FN071-ADQ.6F.A7P1	**141 755**	150	20	226	37	763	720	14,5	810	850
FN071-NDQ.6F.A7P1	**141 758**	150	20	226	37	763	720	14,5	810	850

FE2owlet

FN071-_ DA.6_.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



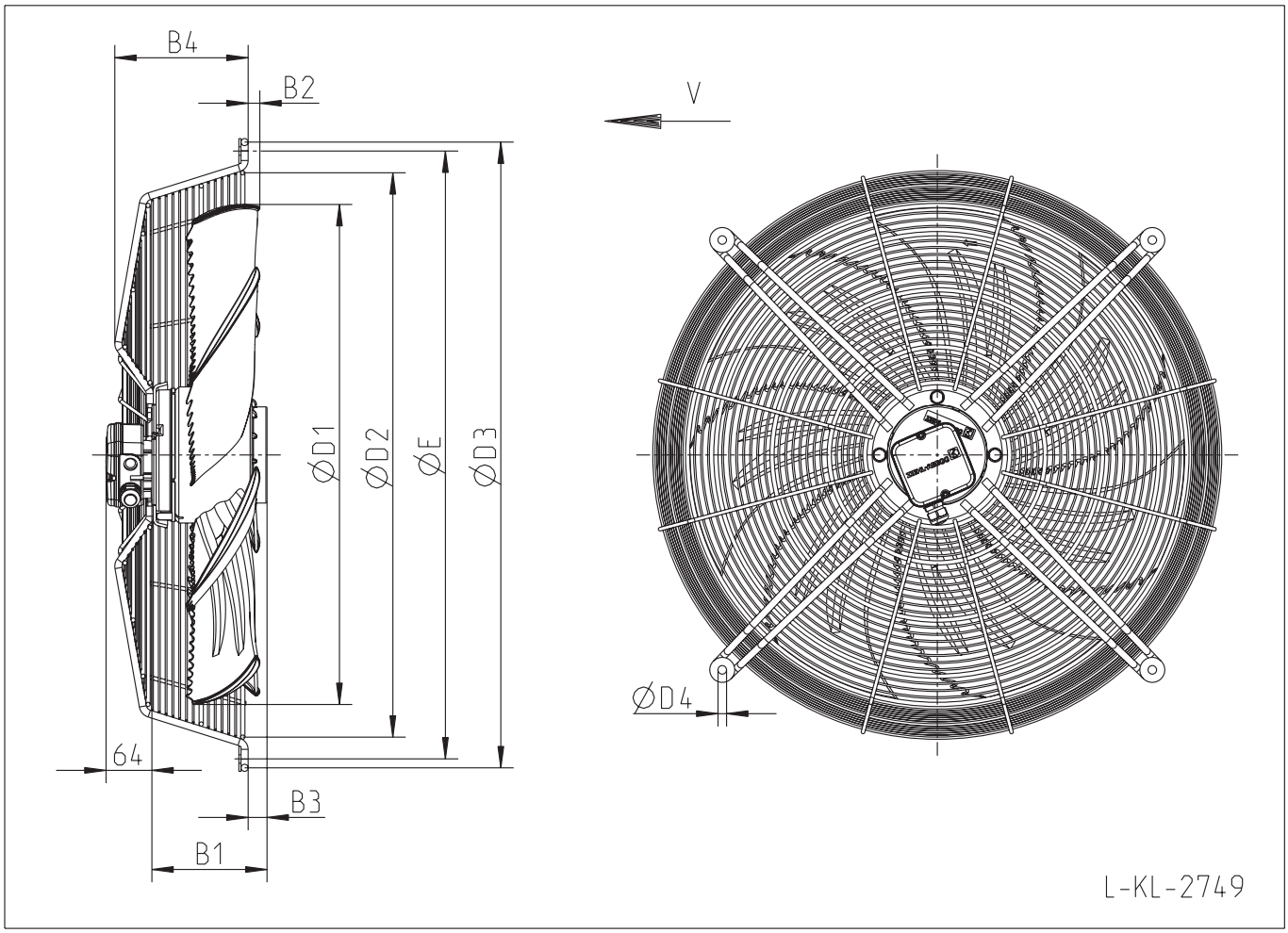
L-KL-2754

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1
FN071-VDA.6N.V7P2	**141 767**	208	124	272	69	703
FN071-SDA.6F.V7P1	**141 768**	162	151	226	95	703
FN071-SDA.6K.V7P1	**141 769**	182	151	246	95	703
FN071-ADA.6F.V7P1	**141 770**	162	151	226	95	703
FN071-NDA.6F.V7P1	**141 771**	162	151	226	95	703

FE2owlet

FN071-_ DK.6_.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**K**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2749

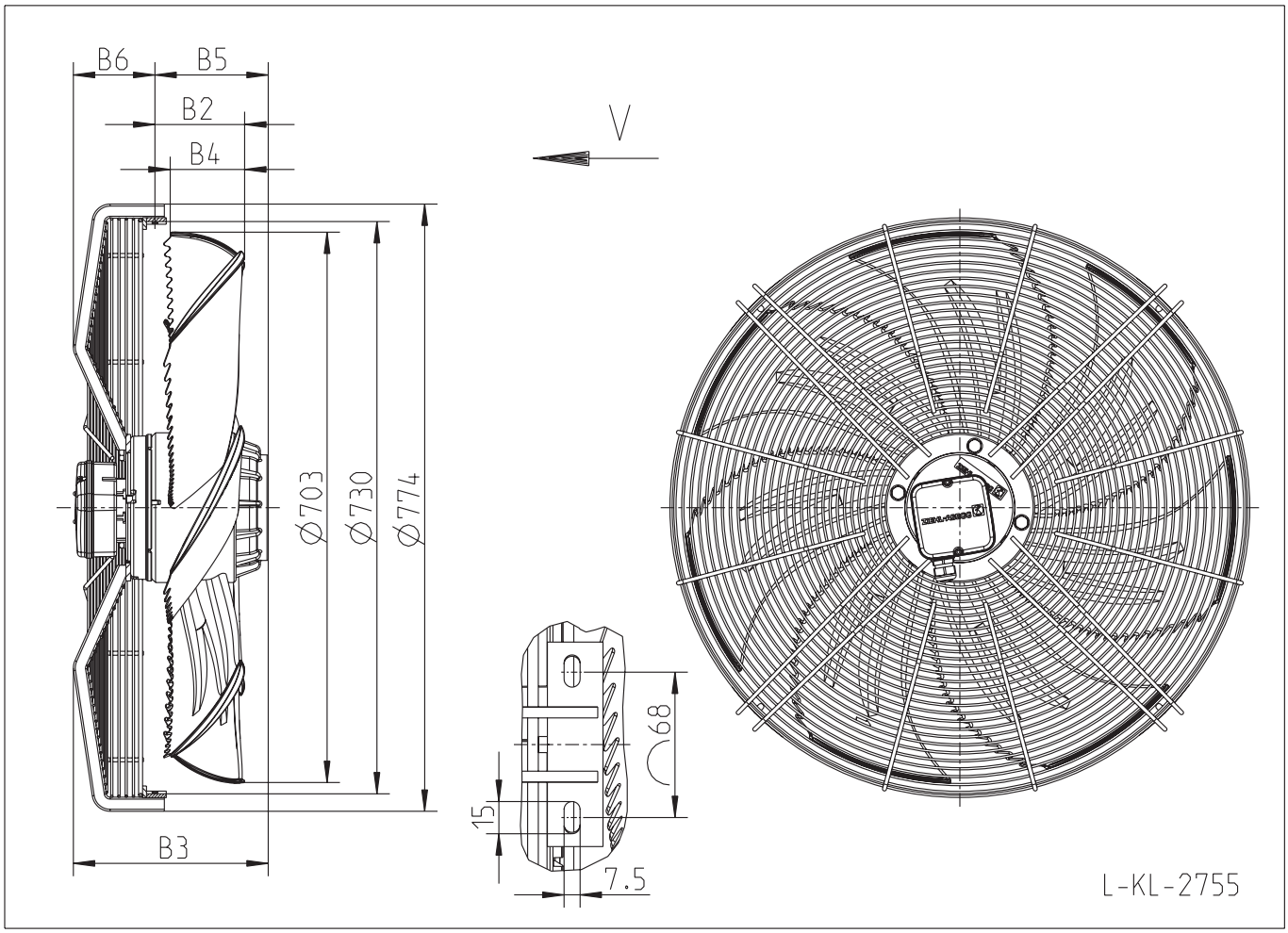
Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1	D2	D3	E
FN071-VDK.6N.V7P2[*)]	**141 772**	208	-	-	-	703	-	-	853
FN071-SDK.6F.V7P1	**141 773**	162	16	27	187	703	786	888	853
FN071-SDK.6K.V7P1	**141 774**	182	16	47	187	703	786	888	853
FN071-ADK.6F.V7P1	**141 775**	162	16	27	187	703	786	888	853
FN071-NDK.6F.V7P1	**141 776**	162	16	27	187	703	786	888	853

*) auf Anfrage / *on request*

FE2owlet

FN071-_ DS.6_.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**S**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



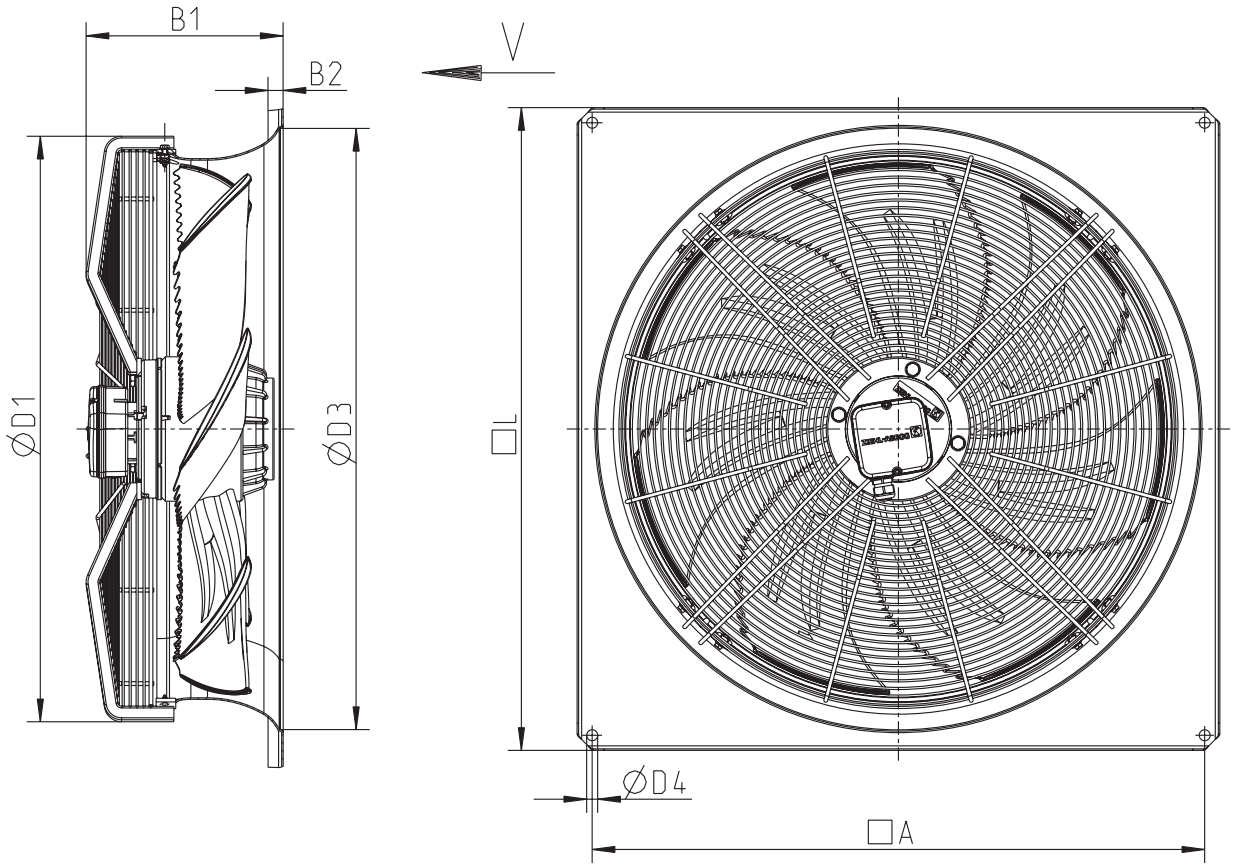
L-KL-2755

Typ *Type*	Artikel-Nr. *Article no.*	B2	B3	B4	B5	B6	D1	D2	D3
FN071-VDS.6N.V7P2	**141 782**	88	272	69	171	104	703	730	774
FN071-SDS.6F.V7P1	**141 783**	114	226	95	125	104	703	730	774
FN071-SDS.6K.V7P1	**141 784**	114	246	95	145	104	703	730	774
FN071-ADS.6F.V7P1	**141 785**	114	226	95	125	104	703	730	774
FN071-NDS.6F.V7P1	**141 786**	114	226	95	125	104	703	730	774

FE2owlet

FN071-_ DQ.6_.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



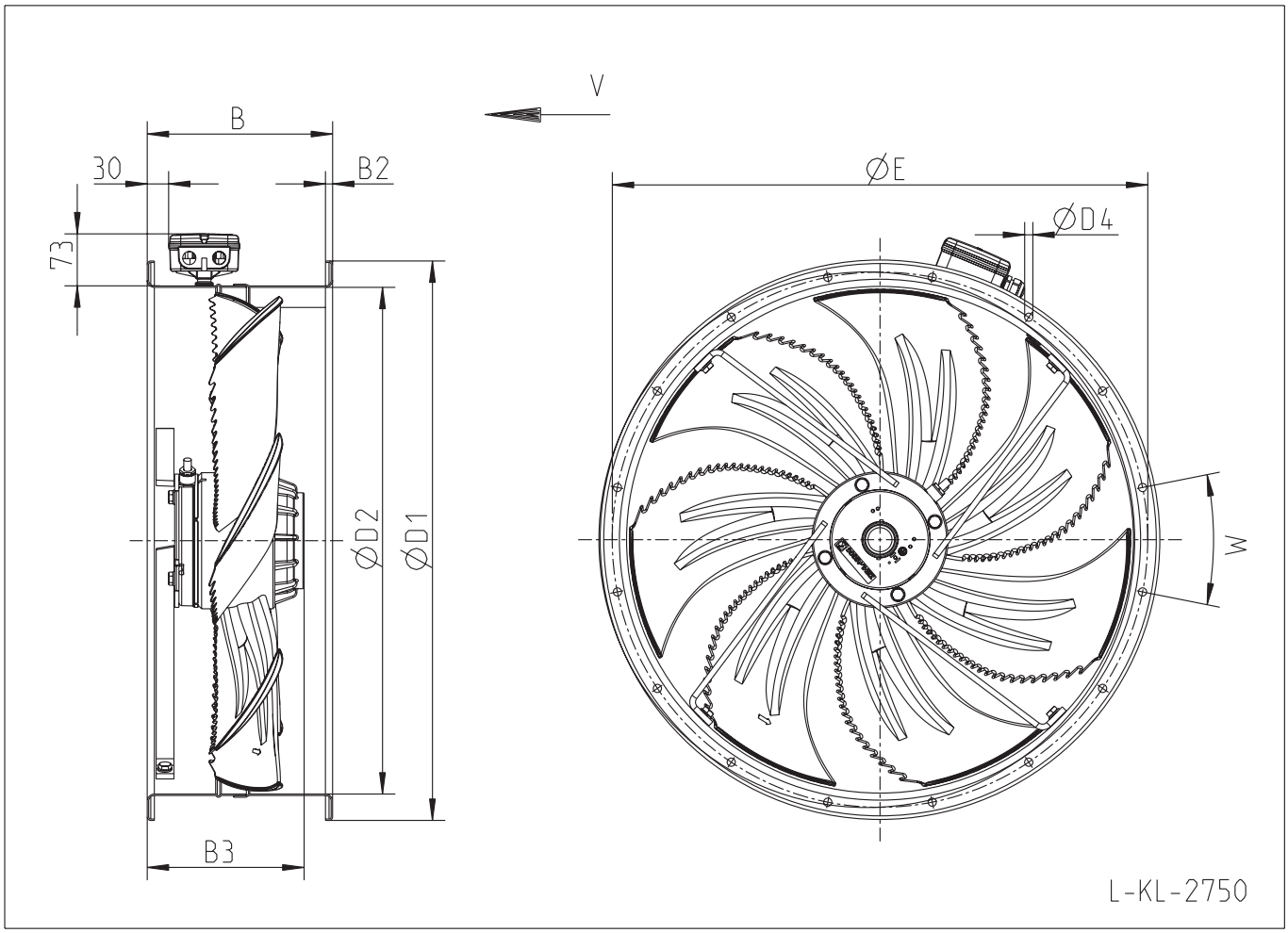
L-KL-2756

Typ *Type*	Artikel-Nr. *Article no.*	A	B2	B1	D1	D3	D4	L
FN071-VDQ.6F.V7P2	**141 777**	810	20	261	774	795	14,5	850
FN071-SDQ.6F.V7P1	**141 778**	810	20	261	774	795	14,5	850
FN071-SDQ.6K.V7P1	**141 779**	810	20	261	774	795	14,5	850
FN071-ADQ.6F.V7P1	**141 780**	810	20	261	774	795	14,5	850
FN071-NDQ.6F.V7P1	**141 781**	810	20	261	774	795	14,5	850

FE2owlet

FN071-_ DF.6_.V7P_

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**F**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2750

Typ *Type*	Artikel-Nr. *Article no.*	B	B2	B3	D1	D2	D4	E	W
FN071-VDF.6N.V7P2	**141 787**	260	10	247	785	711	11,5	751	16x22,5
FN071-SDF.6F.V7P1	**141 788**	260	10	200	785	711	11,5	751	16x22,5
FN071-SDF.6K.V7P1	**141 789**	260	10	220	785	711	11,5	751	16x22,5
FN071-ADF.6F.V7P1	**141 790**	260	10	200	785	711	11,5	751	16x22,5
FN071-NDF.6F.V7P1	**141 791**	260	10	200	785	711	11,5	751	16x22,5

FE2owlet

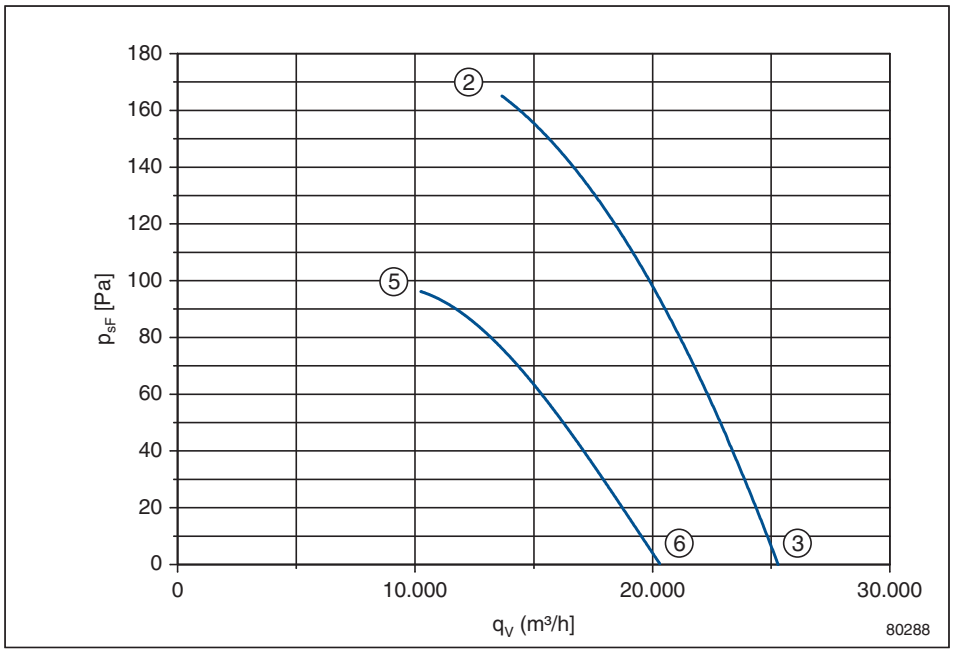
FN080-SD_.6N.V7

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

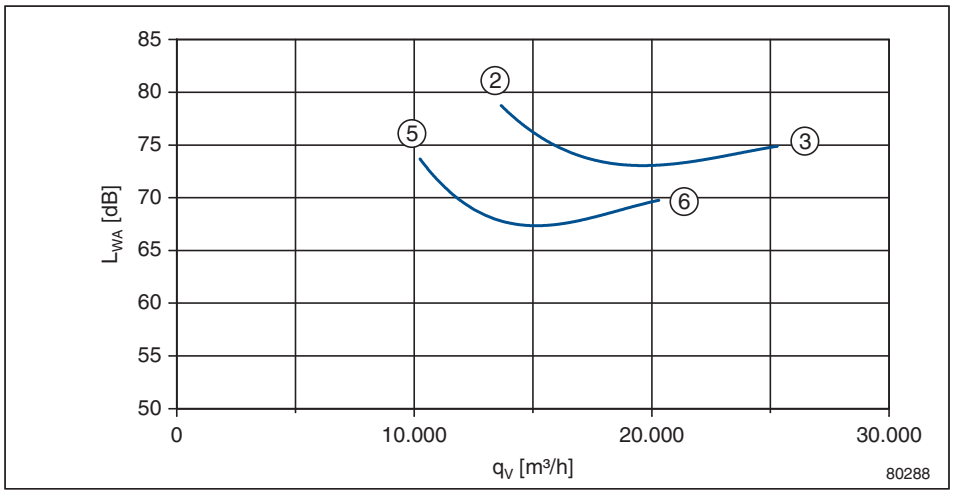
P_1	**1,8/1,15**	kW
I	**3,80/2,20**	A
n	**890/690**	min^{-1}
I_A	11/3,7	A
ΔI	5	%
t_R	65	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**3,80**	**1800**	**890**
③	Δ	3,60	1530	920
⑤	**400**	**2,20**	**1150**	**690**
⑥	Y	2,00	1050	740

$p_{d2} = 1{,}86 \cdot 10^{-7} \cdot q_v^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN080-SDA.6N.V7	**138 298**	**A**	V	29 kg	108XA	L-KL-2600	88
FN080-SDS.6N.V7	**138 756**	**S (M)***	V	36 kg	108XA	L-KL-2601	89
FN080-SDS.6N.V7	**138 757**	**S (R)***	V	37 kg	108XA	L-KL-2601	89
FN080-SDQ.6N.V7	**138 292**	**Q (M)***	V	51 kg	108XA	L-KL-2602	90
FN080-SDQ.6N.V7	**138 758**	**Q (R)***	V	51 kg	108XA	L-KL-2602	90

* (M) Maschinengitter / *mesh grille* (R) Ringgitter / *ring grille*

FE2owlet

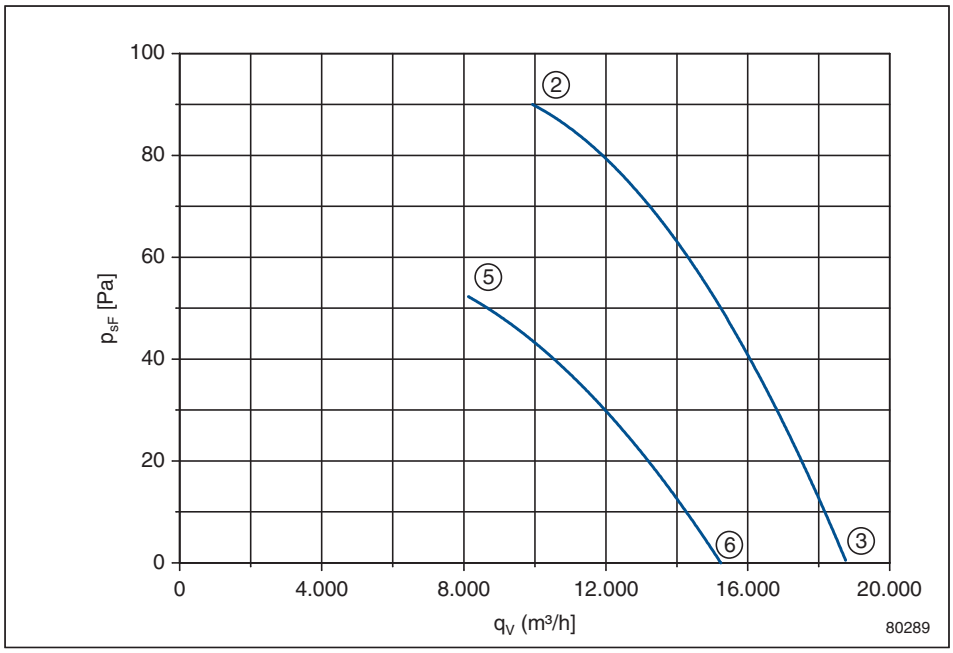
FN080-AD_.6N.V7

Leistungsdaten
Performance data

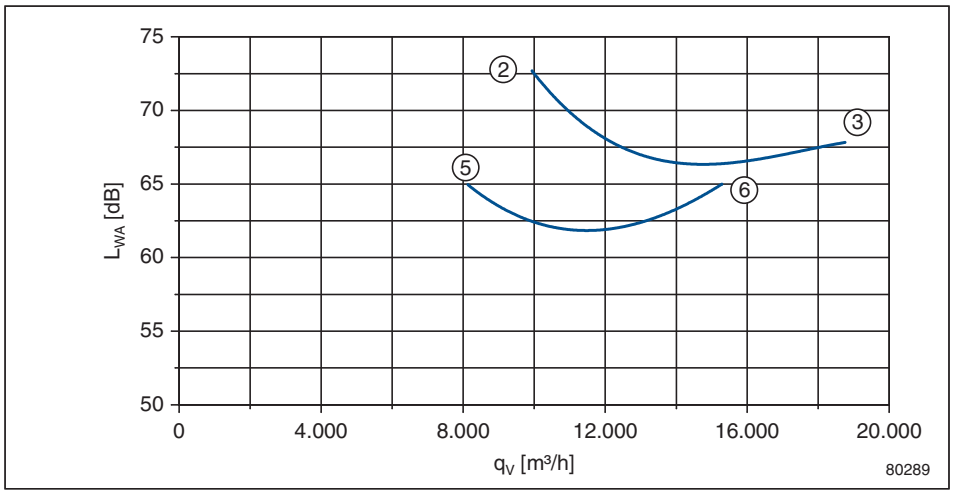
3~ 400V ±10% Δ/Y 50Hz

P_1	**0,80/0,49**	kW
I	**1,95/1,0**	A
n	**670/510**	min^{-1}
I_A	6,0/2,0	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**1,95**	**800**	**670**
③	Δ	1,90	700	690
⑤	**400**	**1,00**	**490**	**510**
⑥	Y	0,95	460	560



$p_{d2} = 1{,}86 \cdot 10^{-7} \cdot q_v^2$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN080-ADA.6N.V7	**138 299**	**A**	V	29 kg	108XA	L-KL-2600	88
FN080-ADS.6N.V7	**138 772**	**S (M)***	V	36 kg	108XA	L-KL-2601	89
FN080-ADS.6N.V7	**138 763**	**S (R)***	V	37 kg	108XA	L-KL-2601	89
FN080-ADQ.6N.V7	**138 293**	**Q (M)***	V	51 kg	108XA	L-KL-2602	90
FN080-ADQ.6N.V7	**138 764**	**Q (R)***	V	51 kg	108XA	L-KL-2602	90

* (M) Maschinengitter / *mesh grille* (R) Ringgitter / *ring grille*

FE2owlet

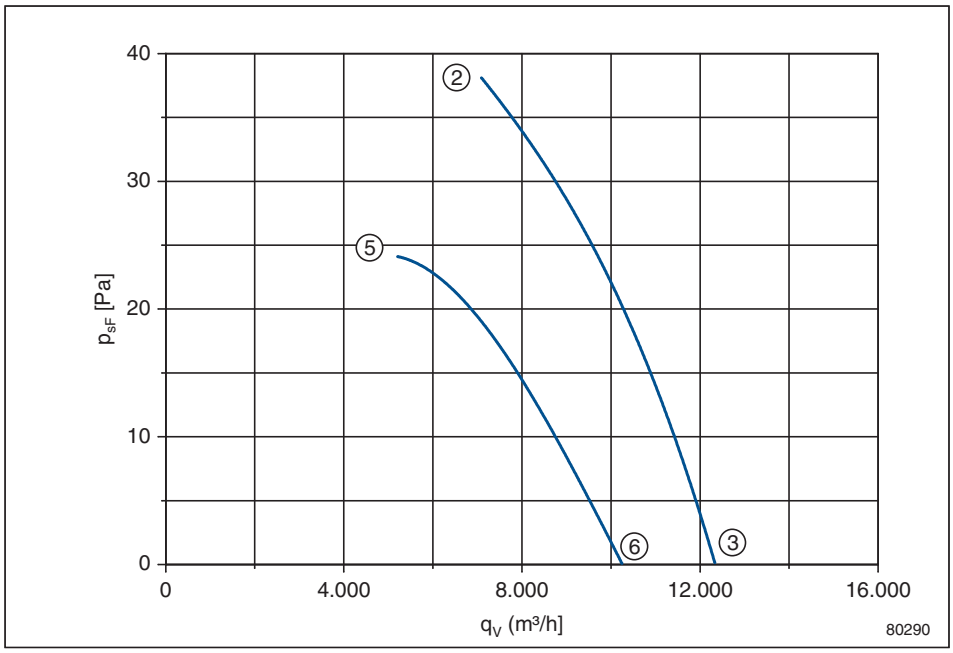
FN080-ND_.6F.V7

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

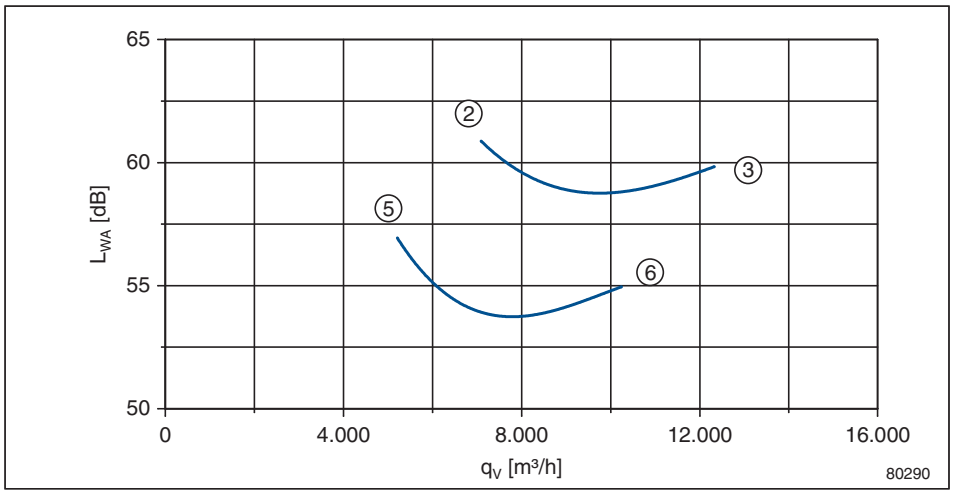
P_1	**0,33/0,18**	kW
I	**0,90/0,40**	A
n	**440/350**	min^{-1}
I_A	1,6/0,5	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**400**	**0,90**	**330**	**440**
③	Δ	0,87	310	450
⑤	**400**	**0,40**	**180**	**350**
⑥	Y	0,37	170	380

$p_{d2} = 1{,}86 \cdot 10^{-7} \cdot q_v^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

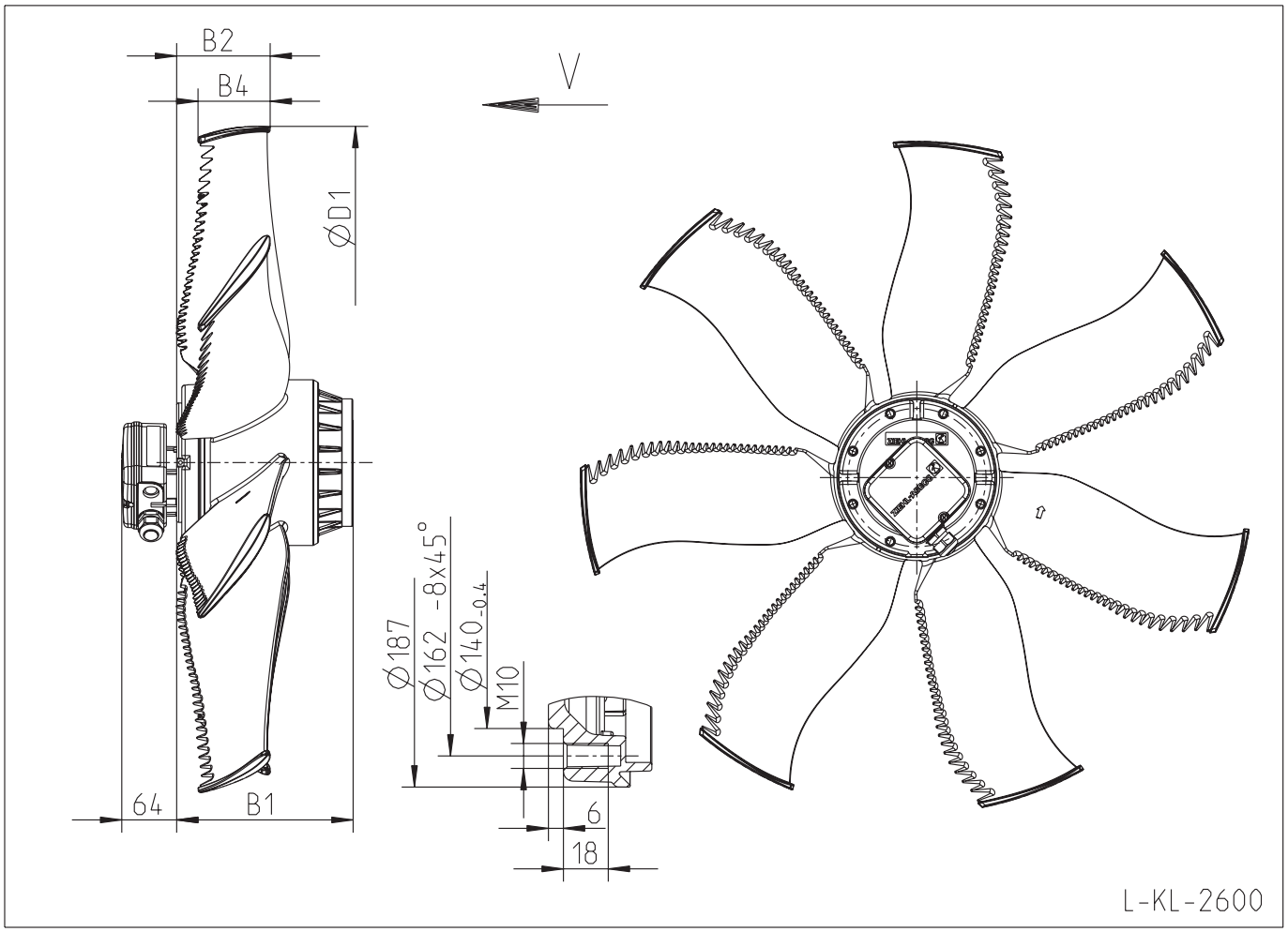
Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN080-NDA.6F.V7	**138 300**	**A**	V	21 kg	108XA	L-KL-2600	88
FN080-NDS.6F.V7	**138 766**	**S (R)***	V	29 kg	108XA	L-KL-2601	89
FN080-NDQ.6F.V7	**138 294**	**Q (R)***	V	43 kg	108XA	L-KL-2602	90

* (R) Ringgitter / *ring grille*

FE2owlet

FN080-_ DA.6_.V7

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



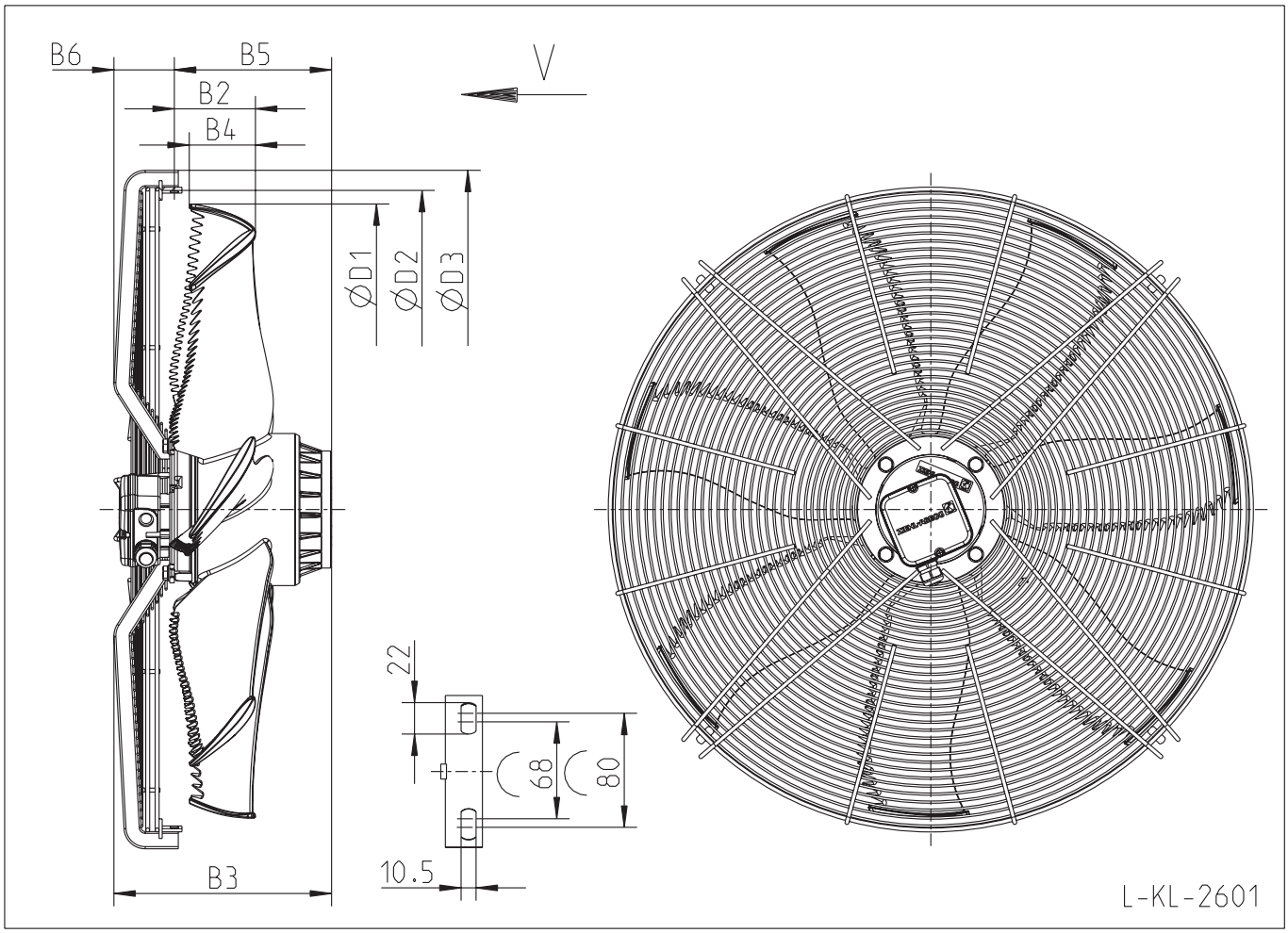
L-KL-2600

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B4	D1
FN080-SDA.6N.V7	**138 298**	207	109	84,5	788
FN080-ADA.6N.V7	**138 299**	207	109	84,5	788
FN080-NDA.6F.V7	**138 300**	157	109	84,5	788

FE2owlet

FN080-_ DS.6_.V7

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**S**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2601

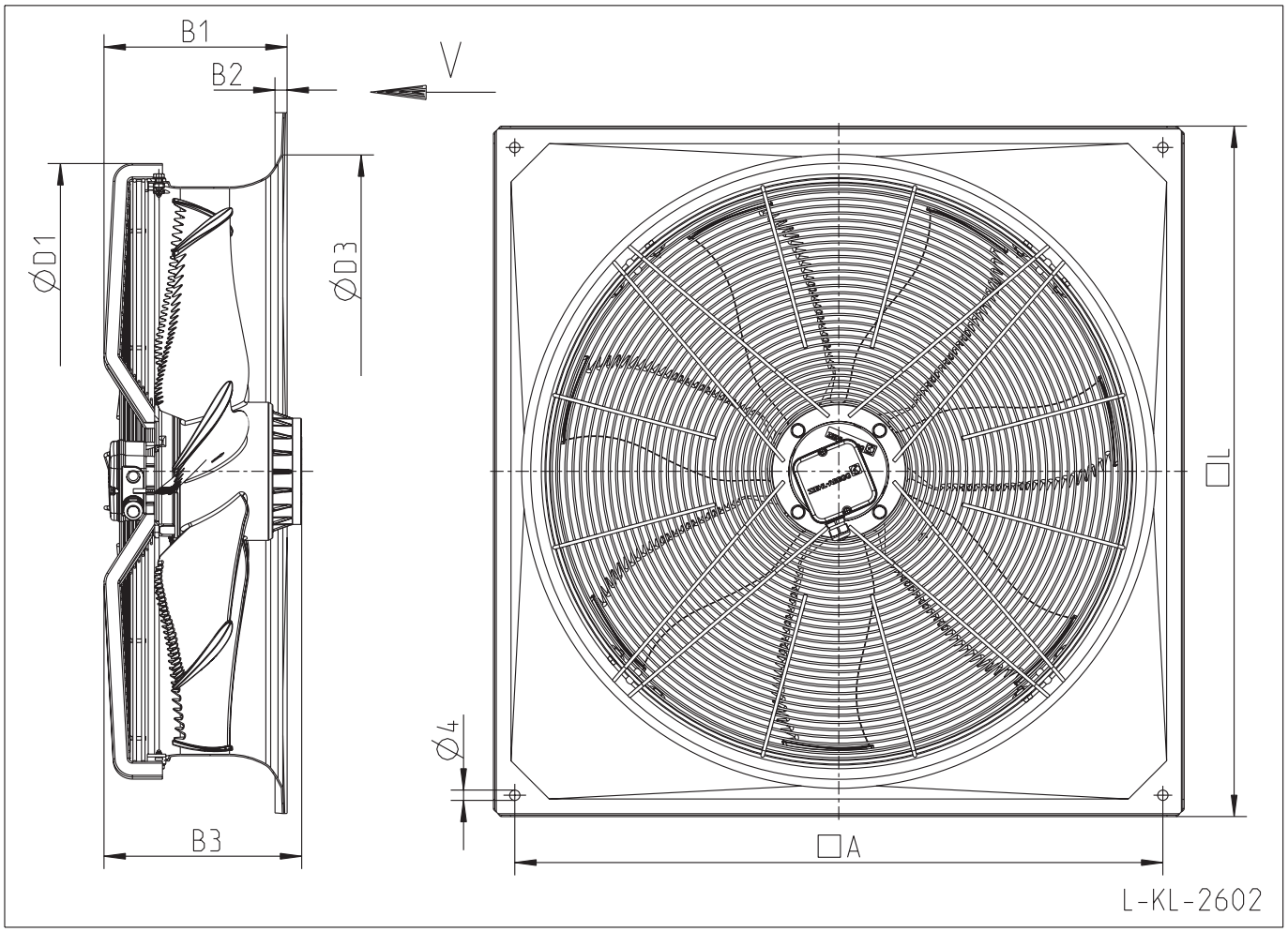
Typ *Type*	Artikel-Nr. *Article no.*	B2	B3	B4	B5	B6	D1	D2	D3
FN080-SDS.6N.V7 **FN080-SDS.6N.V7**	**138 756 (M)*** **138 757 (R)***	105 103	295 277	85 85	202 200	93 77	788 788	814 814	885 866
FN080-ADS.6N.V7 **FN080-ADS.6N.V7**	**138 772 (M)*** **138 763 (R)***	105 103	295 277	85 85	202 200	93 77	788 788	814 814	885 866
FN080-NDS.6F.V7	**138 766 (R)***	103	227	85	150	77	788	814	866

* (M) Maschengitter / *mesh grille* (R) Ringgitter / *ring grille*

FE2owlet

FN080-_ DQ.6_.V7

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2602

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	D1	D3	D4	A	L
FN080-SDQ.6N.V7 **FN080-SDQ.6N.V7**	**138 292 (M)*** **138 758 (R)***	273 257	17 17	295 277	885 866	890 890	14,5 14,5	910 910	970 970
FN080-ADQ.6N.V7 **FN080-ADQ.6N.V7**	**138 293 (M)*** **138 764 (R)***	273 257	17 17	295 277	885 866	890 890	14,5 14,5	910 910	970 970
FN080-NDQ.6F.V7	**138 294 (R)***	257	17	227	866	890	14,5	910	970

* (M) Maschengitter / *mesh grille* (R) Ringgitter / *ring grille*

FE2owlet

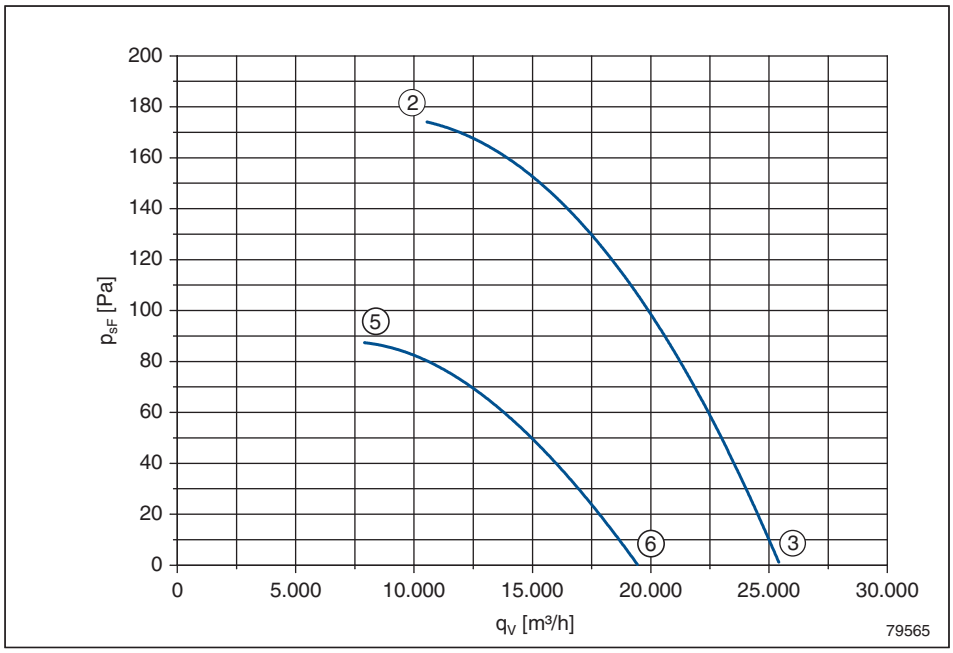
FN080-SD_.6N.V7P2

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

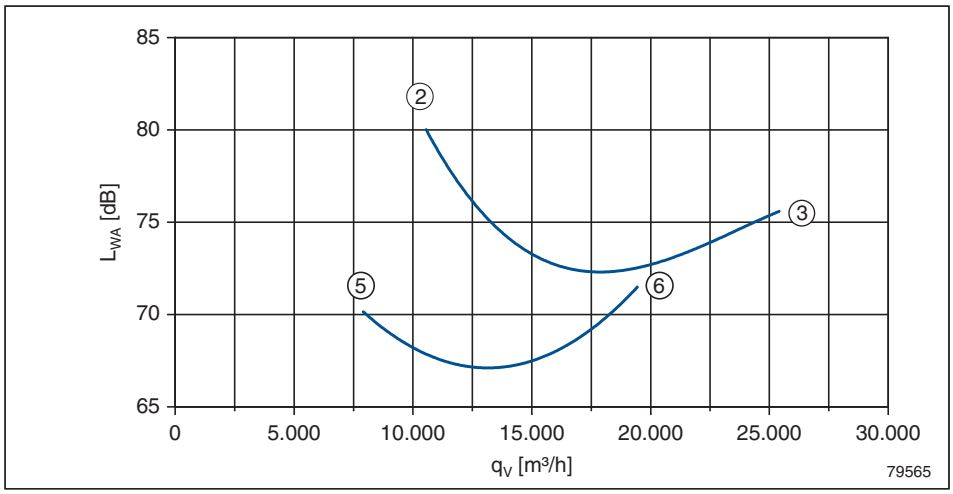
P_1	**2,1/1,15**	kW
I	**4,1/2,2**	A
n	**860/620**	min^{-1}
I_A	13,5/4,5	A
ΔI	0	%
t_R	60	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**400**	**4,10**	**2100**	**860**
③	Δ	3,50	1620	900
⑤	**400**	**2,20**	**1150**	**620**
⑥	Y	1,95	1040	690

$p_{d2} = 1{,}86 \cdot 10^{-7} \cdot q_v^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN080-SDA.6N.V7P2	**141 676**	**A**	V	28 kg	108XA	L-KL-2737	94
FN080-SDS.6N.V7P2	**141 677**	**S**	V	34 kg	108XA	L-KL-2738	95
FN080-SDQ.6N.V7P2	**141 678**	**Q**	V	45 kg	108XA	L-KL-2739	96
FN080-SDF.6N.V7P2	**141 679**	**F**	V	47 kg	108XA	L-KL-2815	97

FE2owlet

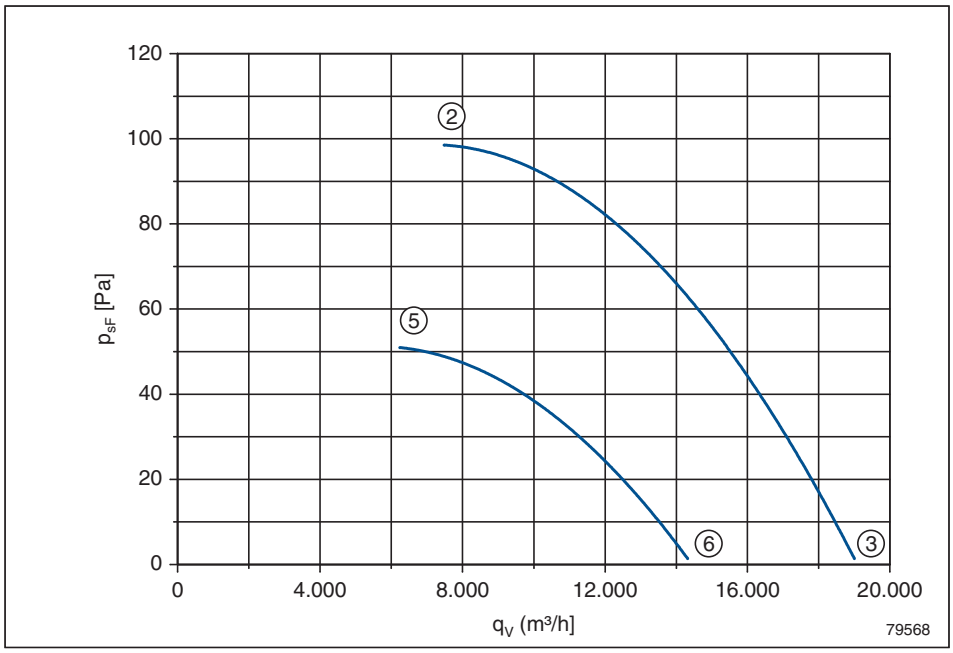
FN080-AD_.6N.V7P2

Leistungsdaten
Performance data

3~ 400V ±10% Δ/Y 50Hz

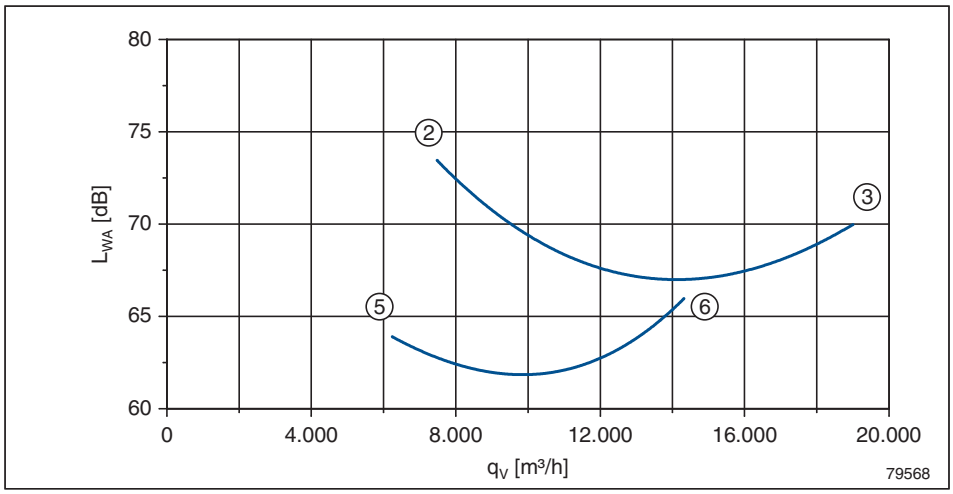
P_1	**0,93/0,51**	kW
I	**2,3/1,10**	A
n	**650/470**	min^{-1}
I_A	6,0/2,0	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**2,3**	**930**	**650**
③	Δ	2,1	750	680
⑤	**400**	**1,1**	**510**	**470**
⑥	Y	1,0	460	530

$p_{d2} = 1{,}86 \cdot 10^{-7} \cdot q_v^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN080-ADA.6N.V7P2	**141 650**	**A**	V	28 kg	108XA	L-KL-2737	94
FN080-ADS.6N.V7P2	**141 652**	**S**	V	34 kg	108XA	L-KL-2738	95
FN080-ADQ.6N.V7P2	**141 654**	**Q**	V	45 kg	108XA	L-KL-2739	96
FN080-ADF.6N.V7P2	**141 680**	**F**	V	47 kg	108XA	L-KL-2815	97

FE2owlet

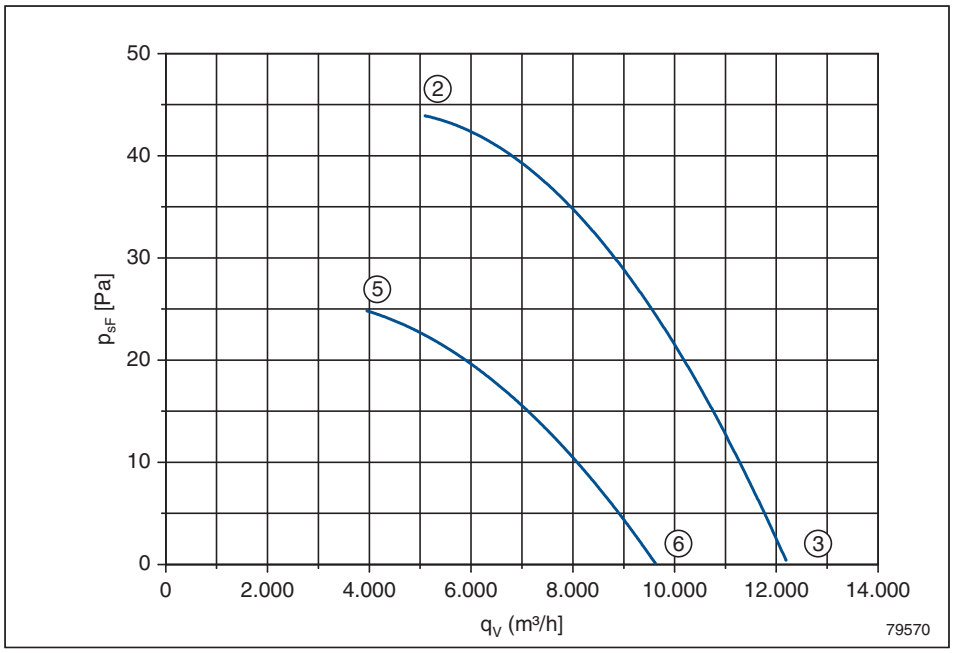
FN080-ND_.6F.V7P2

Leistungsdaten
Performance data

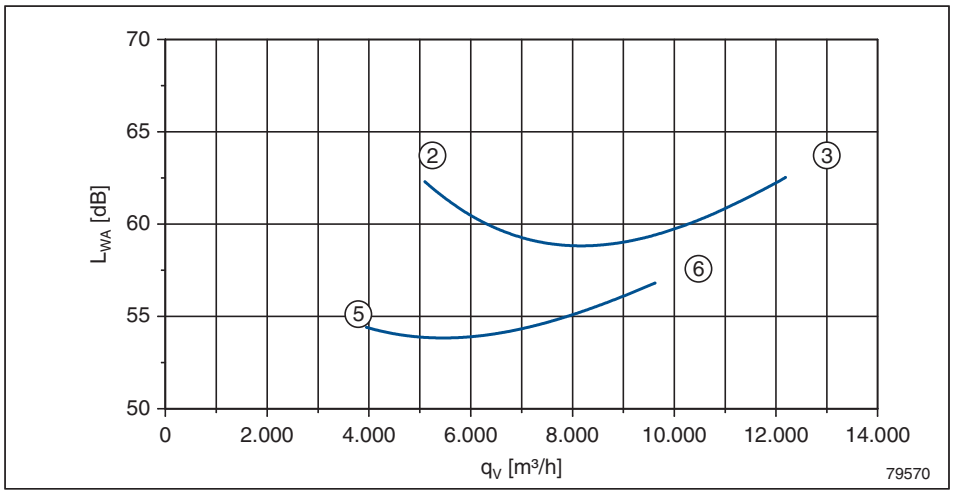
3~ 400V ±10% Δ/Y 50Hz

P_1	**0,37/0,21**	kW
I	**0,93/0,42**	A
n	**430/320**	min^{-1}
I_A	1,5/0,5	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**400**	**0,93**	**370**	**430**
③	Δ	0,88	320	450
⑤	**400**	**0,42**	**210**	**320**
⑥	Y	0,39	180	350



$p_{d2} = 1{,}86 \cdot 10^{-7} \cdot q_v^2$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

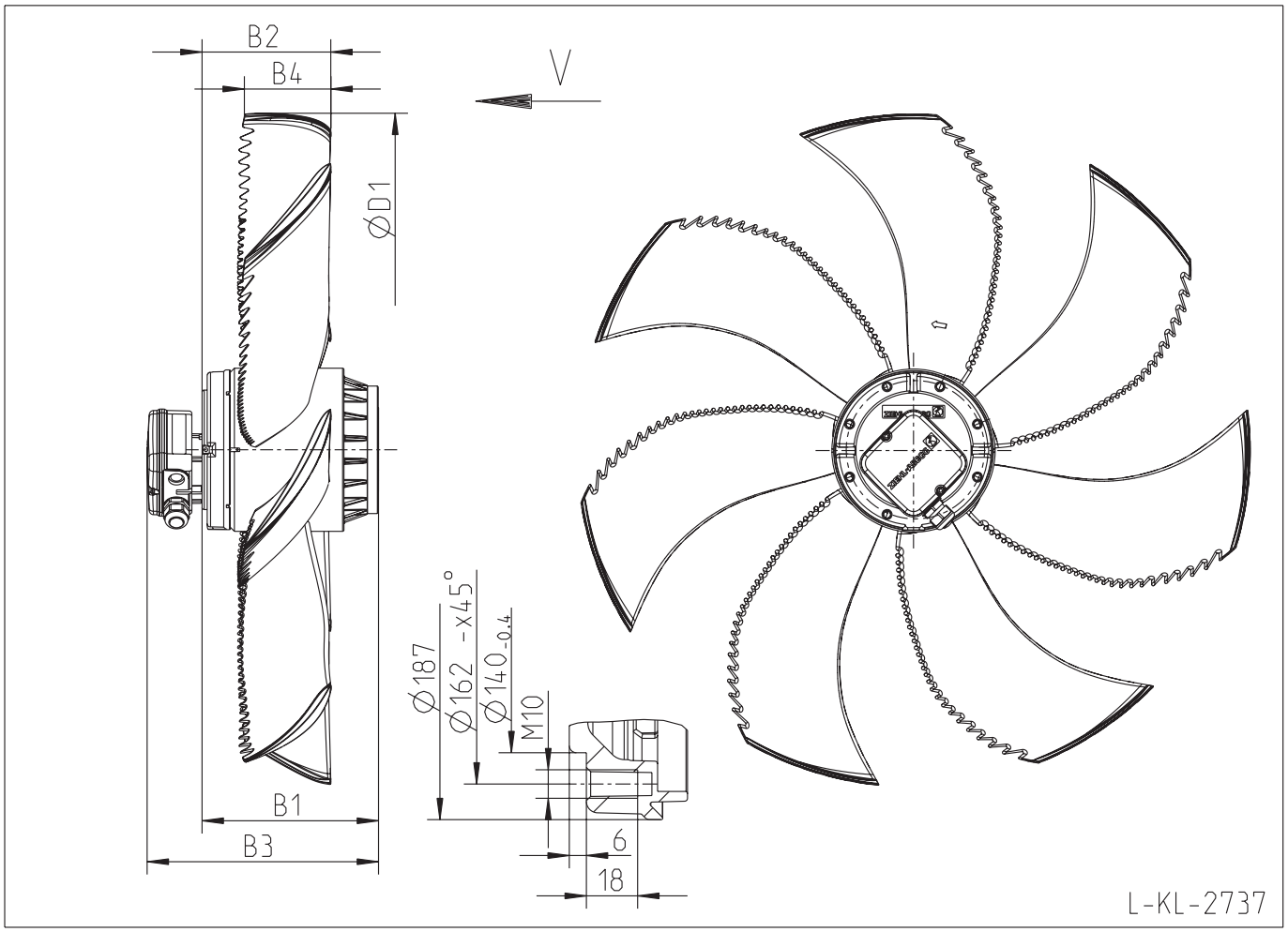
Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN080-NDA.6F.V7P2	**141 651**	**A**	V	20 kg	108XA	L-KL-2737	94
FN080-NDS.6F.V7P2	**141 653**	**S**	V	27 kg	108XA	L-KL-2738	95
FN080-NDQ.6F.V7P2	**141 655**	**Q**	V	38 kg	108XA	L-KL-2739	96
FN080-NDF.6F.V7P2	**141 681**	**F**	V	39 kg	108XA	L-KL-2815	97

FE2owlet

FN080-_ DA.6_.V7P2

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



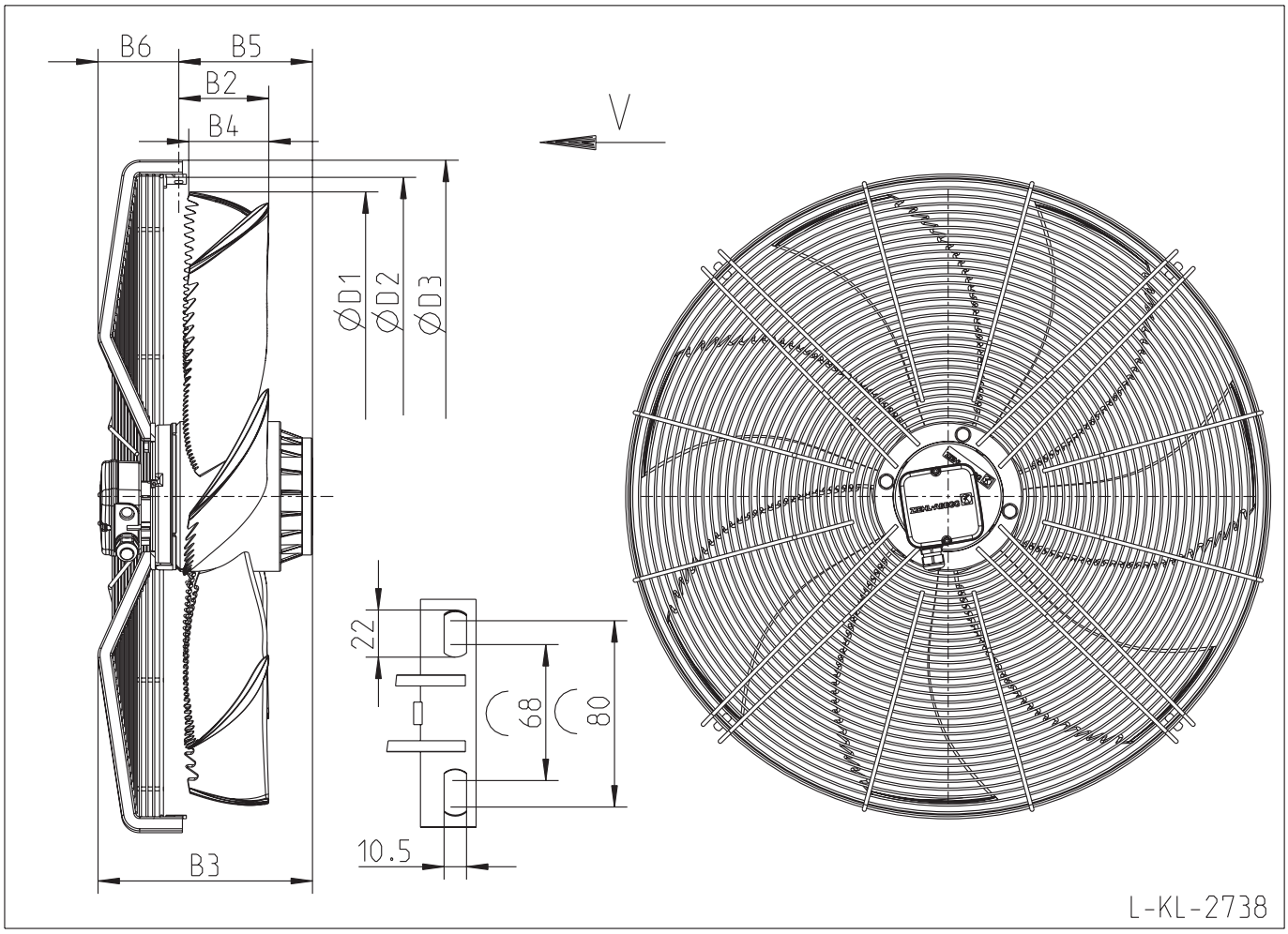
L-KL-2737

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1
FN080-SDA.6N.V7P2	**141 676**	207	151	271	101	788
FN080-ADA.6N.V7P2	**141 650**	207	151	271	101	788
FN080-NDA.6F.V7P2	**141 651**	157	151	271	101	788

FE2owlet

FN080-_ DS.6_.V7P2

Luftförderrichtung *Airflow direction*	V
Bauform *Design*	S
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



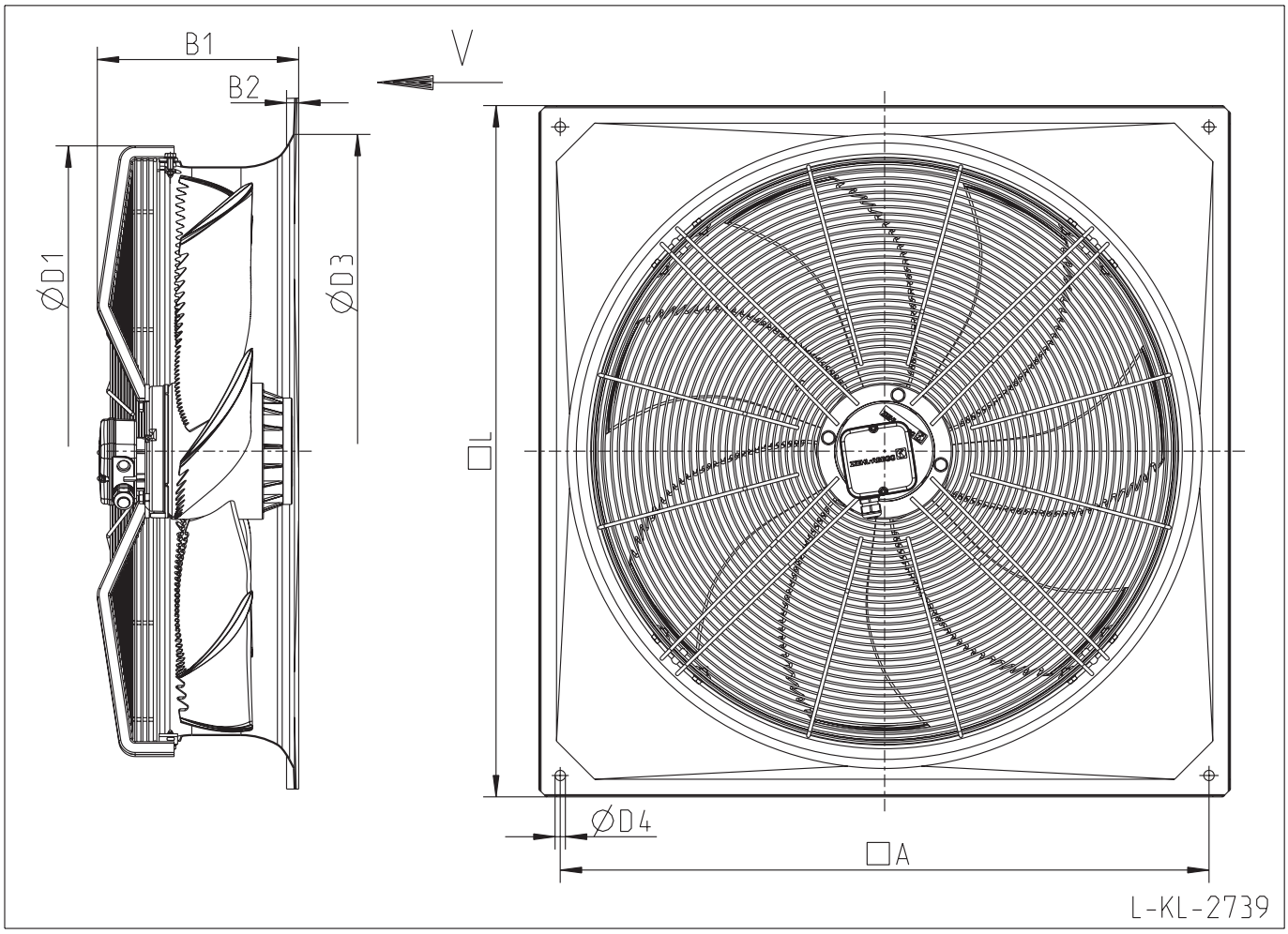
L-KL-2738

Typ *Type*	Artikel-Nr. *Article no.*	B2	B3	B4	B5	B6	D1	D2	D3
FN080-SDS.6N.V7P2	**141 677**	115	274	101	171	103	788	814	858
FN080-ADS.6N.V7P2	**141 652**	115	274	101	171	103	788	814	858
FN080-NDS.6F.V7P2	**141 653**	115	274	101	121	103	788	814	858

FE2owlet

FN080-_ DQ.6_.V7P2

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



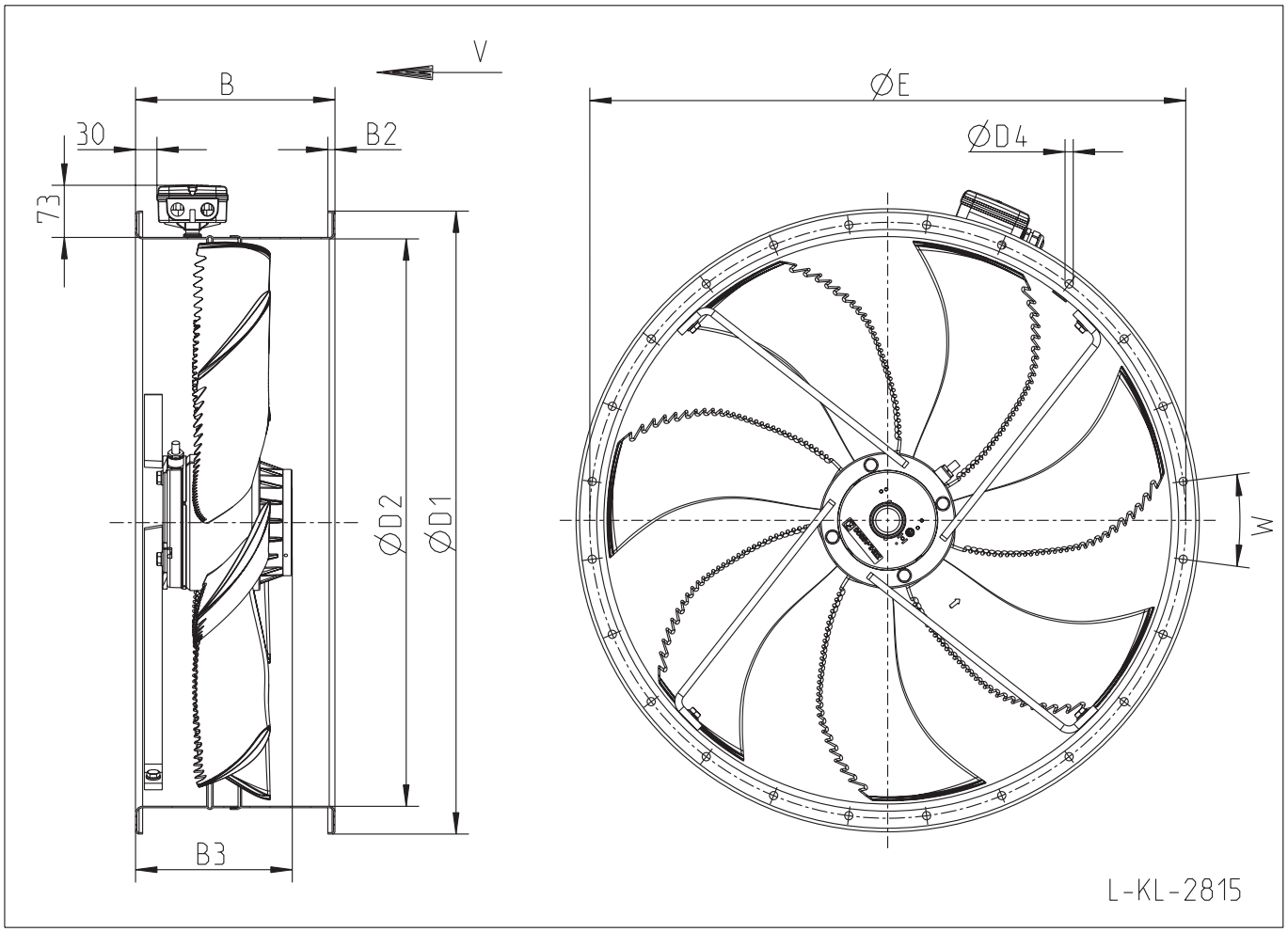
L-KL-2739

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	D1	D3	D4	A	L
FN080-SDQ.6N.V7P2	**141 678**	283	17	274	858	890	14,5	910	970
FN080-ADQ.6N.V7P2	**141 654**	283	17	274	858	890	14,5	910	970
FN080-NDQ.6F.V7P2	**141 655**	283	17	274	858	890	14,5	910	970

FE2owlet

FN080-_ DF.6_.V7P2

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**F**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2815

Typ *Type*	Artikel-Nr. *Article no.*	B	B2	B3	D1	D2	D4	E	W
FN080-SDF.6N.V7P2	**141 679**	280	10	245	875	797	11,5	837	24x15°
FN080-ADF.6N.V7P2	**141 680**	280	10	245	875	797	11,5	837	24x15°
FN080-NDF.6F.V7P2	**141 681**	280	10	195	875	797	11,5	837	24x15°

Anschlussschaltbilder *Connection Diagrams*

104XA

Luftförderrichtung: V
Direction of airflow: V
Drehrichtung: Rechtslauf
Direction of rotation: clockwise

1~Motor mit Kondensator und Thermostatschalter (falls eingebaut).

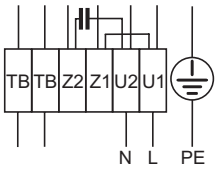
1~Motor with capacitor and thermostatic switch (if built in).

Moteur monophasé avec condensateur et interrupteur thermostatique (si incorporé).

U1	braun	brown	brun
U2	blau	blue	bleu
Z1	schwarz	black	noir
Z2	orange	orange	orangé
TB	weiß	white	blanc

104XA-02

Rechtslauf
Clockwise rotation
Rotation à droite



Anschlussschaltbild im Anschlusskasten aufbewahren.
Keep wiring diagram in terminal box.
Conserver le schéma de raccordement dans la boîte à bornes.

104XB

Luftförderrichtung: A
Direction of airflow: A
Drehrichtung: Linkslauf
Direction of rotation: counter clockwise

1~Motor mit Kondensator und Thermostatschalter (falls eingebaut).

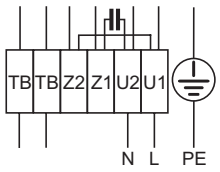
1~Motor with capacitor and thermostatic switch (if built in).

Moteur monophasé avec condensateur et interrupteur thermostatique (si incorporé).

U1	braun	brown	brun
U2	blau	blue	bleu
Z1	schwarz	black	noir
Z2	orange	orange	orangé
TB	weiß	white	blanc

104XB-02

Linkslauf
Counter Clockwise rotation
Rotation à gauche



Anschlussschaltbild im Anschlusskasten aufbewahren.
Keep wiring diagram in terminal box.
Conserver le schéma de raccordement dans la boîte à bornes.

108XA

Luftförderrichtung: V
Direction of airflow: V
Drehrichtung: Rechtslauf
Direction of rotation: clockwise

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

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

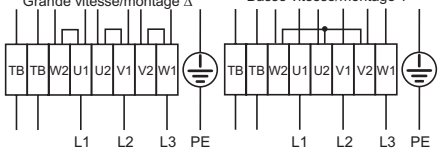
Moteur triphasé à 2 vitesses (Δ/Y-commutation) avec interrupteur thermostatique (si incorporé). Les pièce de connexion sont a supprimer avec l´utilisation d´un commutateur de vitesse.

U1	braun	brown	brun
V1	blau	blue	bleu
W1	schwarz	black	noir
U2	rot	red	rouge
V2	grau	grey	gris
W2	orange	orange	orangé
TB	weiß	white	blanc

108XA-02

Hohe Drehzahl/Δ-Schaltung
High speed/Δ-connection
Grande vitesse/montage Δ

Niedere Drehzahl/Y-Schaltung
Low speed/Y-connection
Basse vitesse/montage Y



Anschlussschaltbild im Anschlusskasten aufbewahren.
Keep wiring diagram in terminal box.
Conserver le schéma de raccordement dans la boîte à bornes.

108XB

Luftförderrichtung: A
Direction of airflow: A
Drehrichtung: Linkslauf
Direction of rotation: counter clockwise

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

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

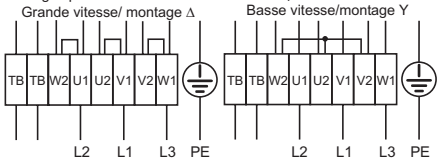
Moteur triphasé à 2 vitesses (Δ/Y-commutation) avec interrupteur thermostatique (si incorporé). Les pièce de connexion sont a supprimer avec l´utilisation d´un commutateur de vitesse.

U1	braun	brown	brun
V1	blau	blue	bleu
W1	schwarz	black	noir
U2	rot	red	rouge
V2	grau	grey	gris
W2	orange	orange	orangé
TB	weiß	white	blanc

108XB-02

Hohe Drehzahl/Δ-Schaltung
High speed/Δ-connection
Grande vitesse/ montage Δ

Niedere Drehzahl/Y-Schaltung
Low speed/Y-connection
Basse vitesse/montage Y



Anschlussschaltbild im Anschlusskasten aufbewahren.
Keep wiring diagram in terminal box.
Conserver le schéma de raccordement dans la boîte à bornes.

Ziehl-Abegg Deutschland
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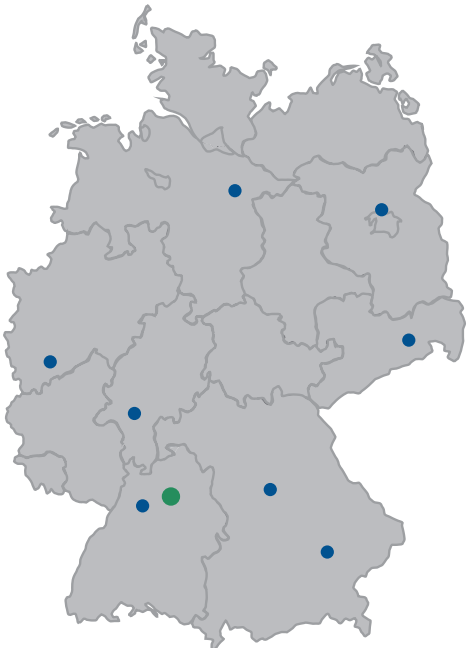
Ziehl-Abegg Germany
Field staff



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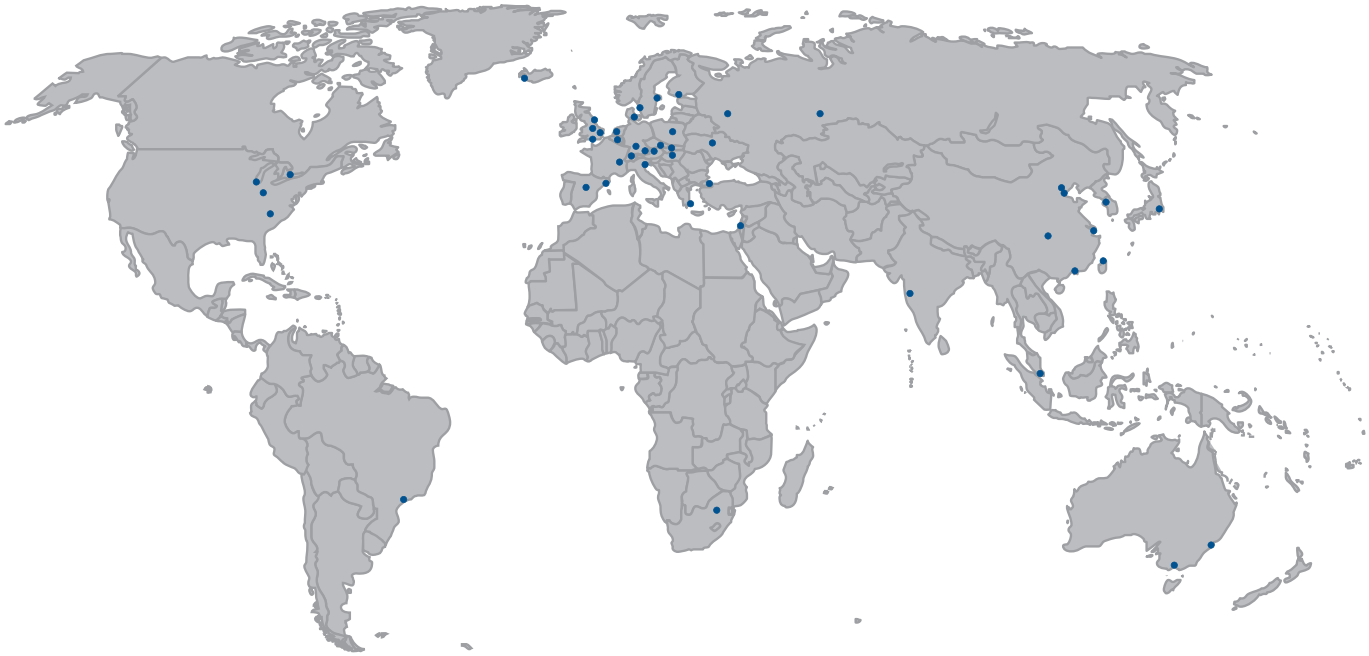

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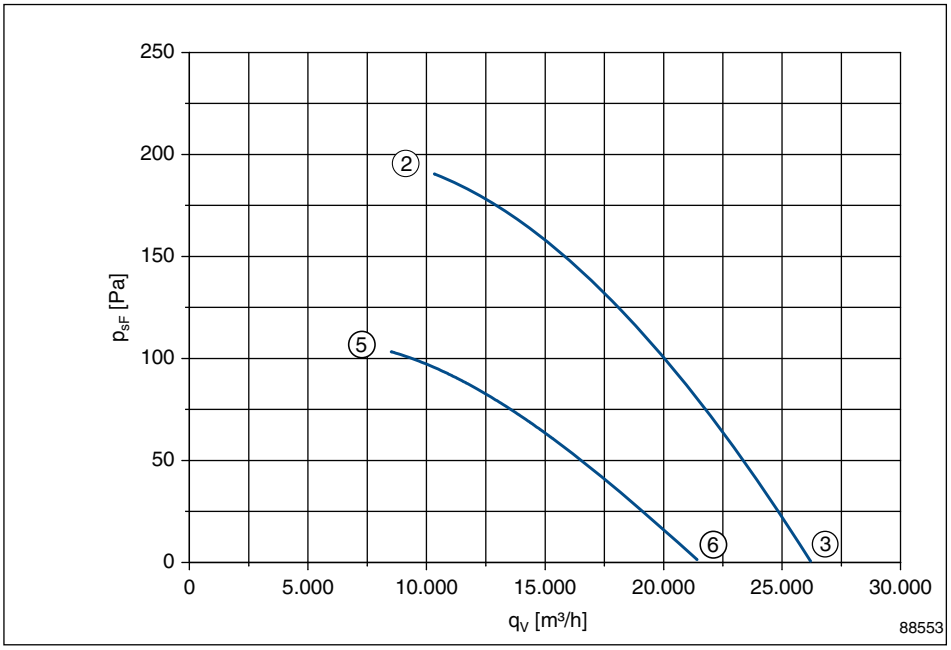
FE2owlet

FN091-SD_.6N.V7P2

Leistungsdaten
Performance data

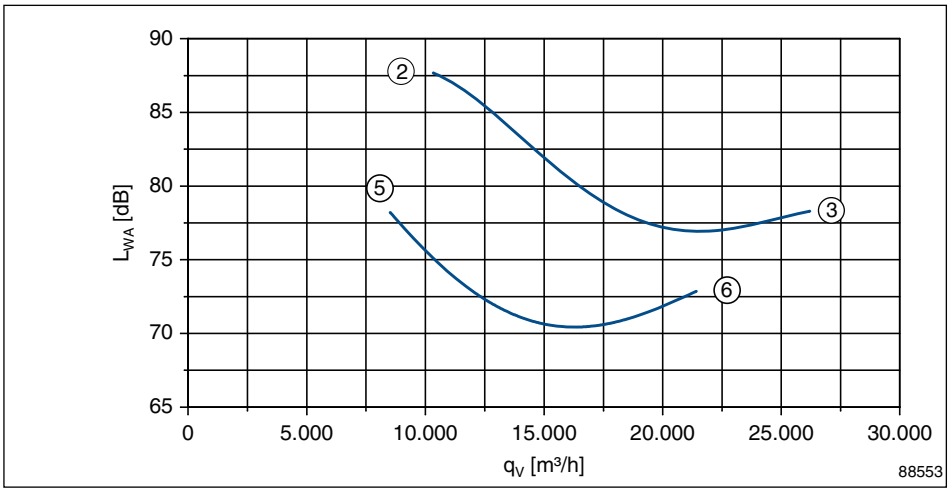
3~ 400V ±10% △/Y 50Hz

P_1	**1,85/1,05**	kW
I	**3,80/1,90**	A
n	**840/630**	min^{-1}
I_A	9,5/3	A
ΔI	0	%
t_R	70	°C



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**3,80**	**1850**	**840**
③	△	3,10	1250	900
⑤	**400**	**1,90**	**1050**	**630**
⑥	Y	1,55	850	730

$p_{d2} = 1{,}1 \cdot 10^{-7} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN091-SDA.6N.V7P2	**156 202**	**A**	V	25,2	1360-108XA	L-KL-2737	
FN091-SDQ.6N.V7P2	**156 204**	**Q**	V	50,7	1360-108XA	L-KL-2739	
FN091-SDS.6N.V7P2	**156 205**	**S**	V	34,1	1360-108XA	L-KL-2738	

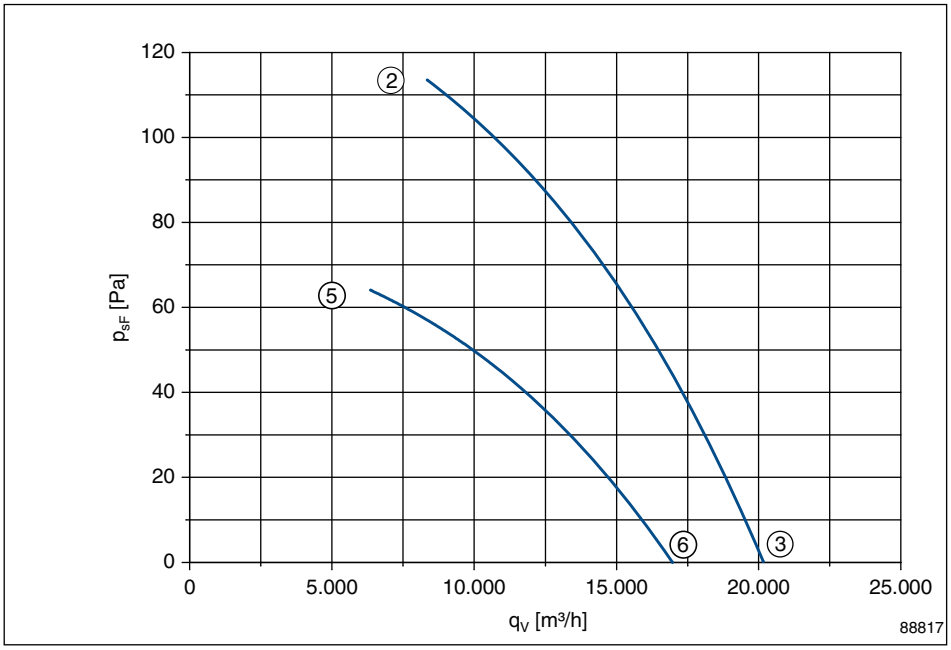
FE2owlet

FN091-AD_.6N.V7P2

Leistungsdaten
Performance data

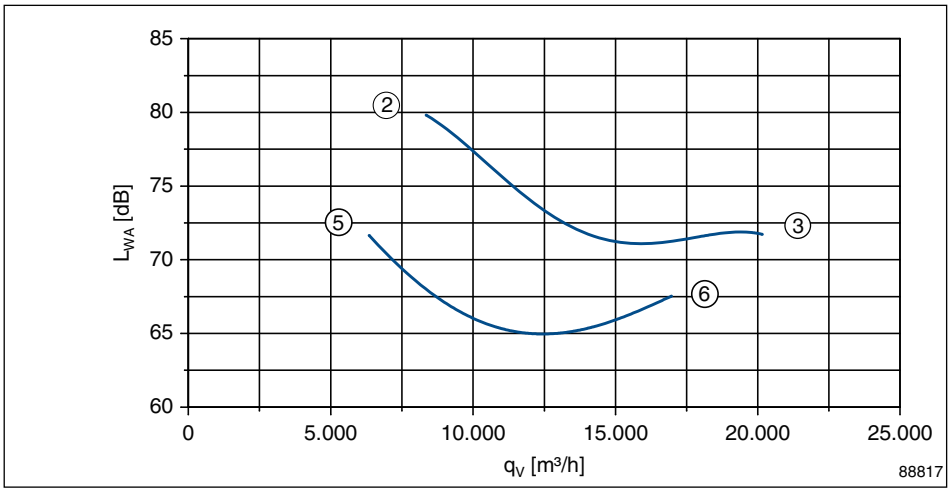
3~ 400V ±10% △/Y 50Hz

P_1	**0,9/0,54**	kW
I	**2,1/1,1**	A
n	**660/500**	min^{-1}
I_A	5/1,5	A
ΔI	0	%
t_R	70	°C



	U	I	P_1	n
	V	**A**	**W**	**min^{-1}**
②	**400**	**2,10**	**900**	**660**
③	△	1,85	630	700
⑤	**400**	**1,10**	**540**	**500**
⑥	Y	0,89	430	590

$p_{d2} = 1{,}1 \cdot 10^{-7} \cdot q_V^2$



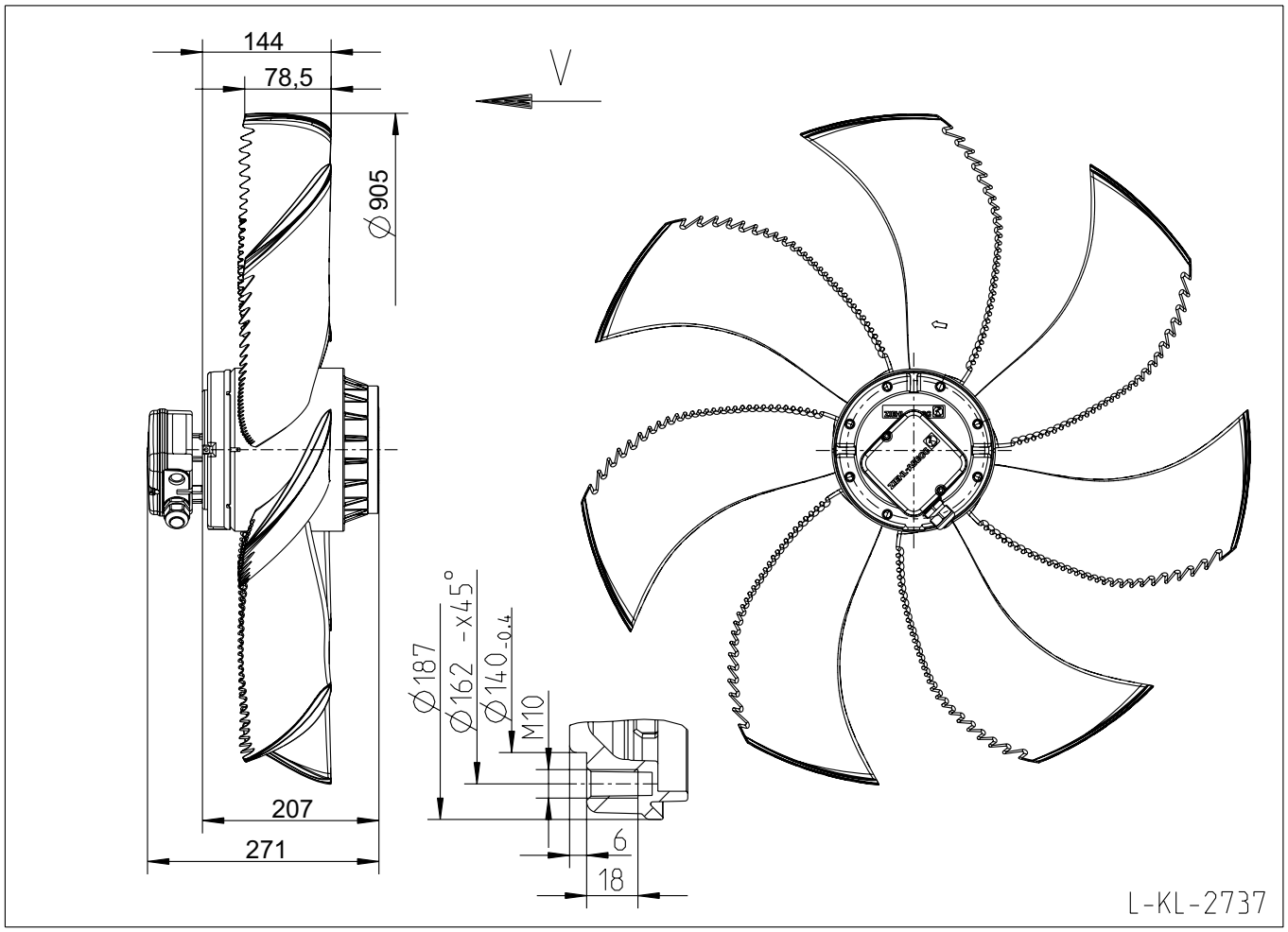
gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN091-ADA.6N.V7P2	**156 212**	**A**	V	25,2	1360-108XA	L-KL-2737	
FN091-ADQ.6N.V7P2	**156 214**	**Q**	V	50,7	1360-108XA	L-KL-2739	
FN091-ADS.6N.V7P2	**156 215**	**S**	V	34,1	1360-108XA	L-KL-2738	

FE2owlet

FN091-ADA.6N.V7P2

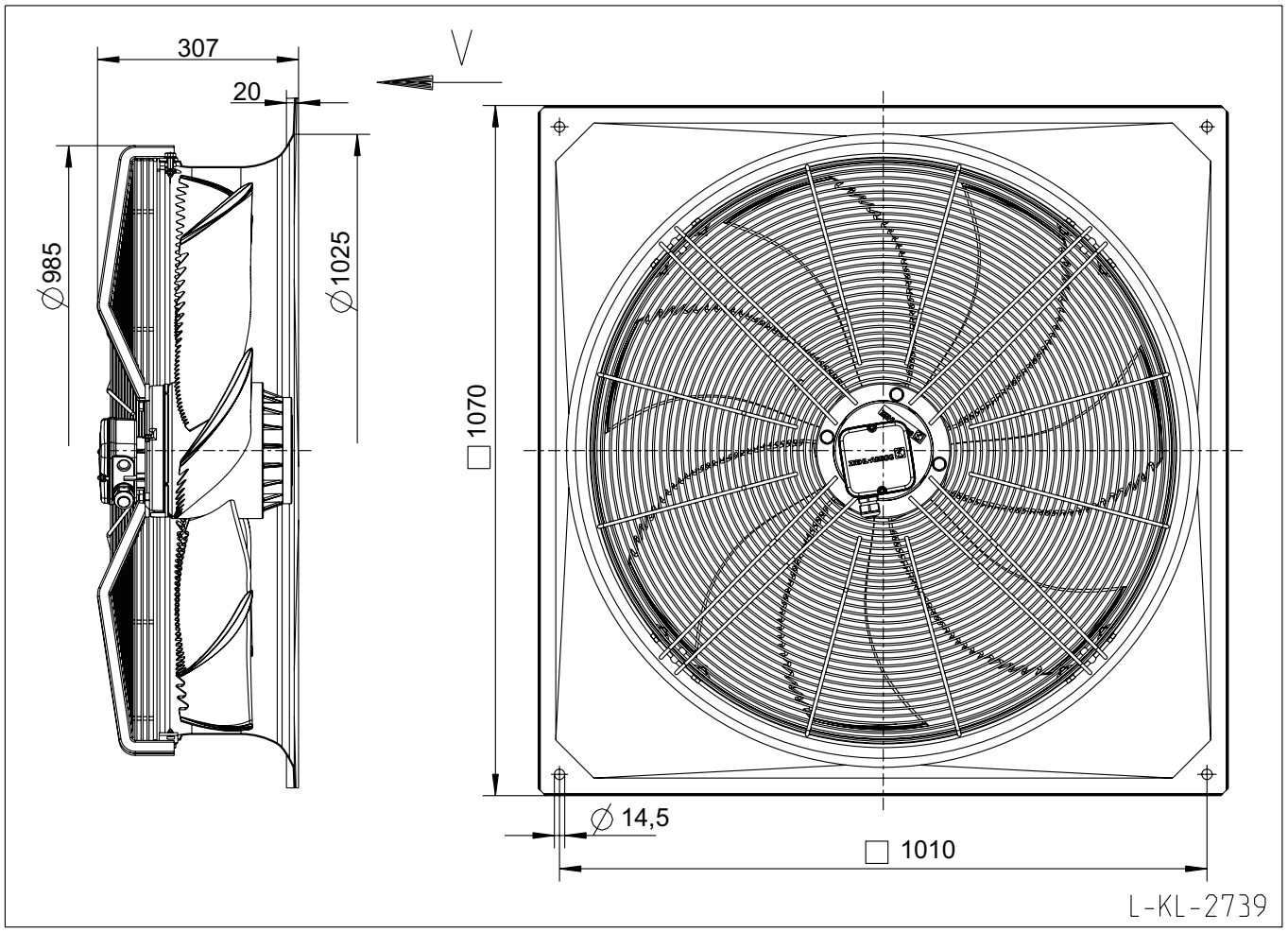
Luftförderrichtung *Airflow direction*	V
Bauform *Design*	A
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



FE2owlet

FN091-ADQ.6N.V7P2

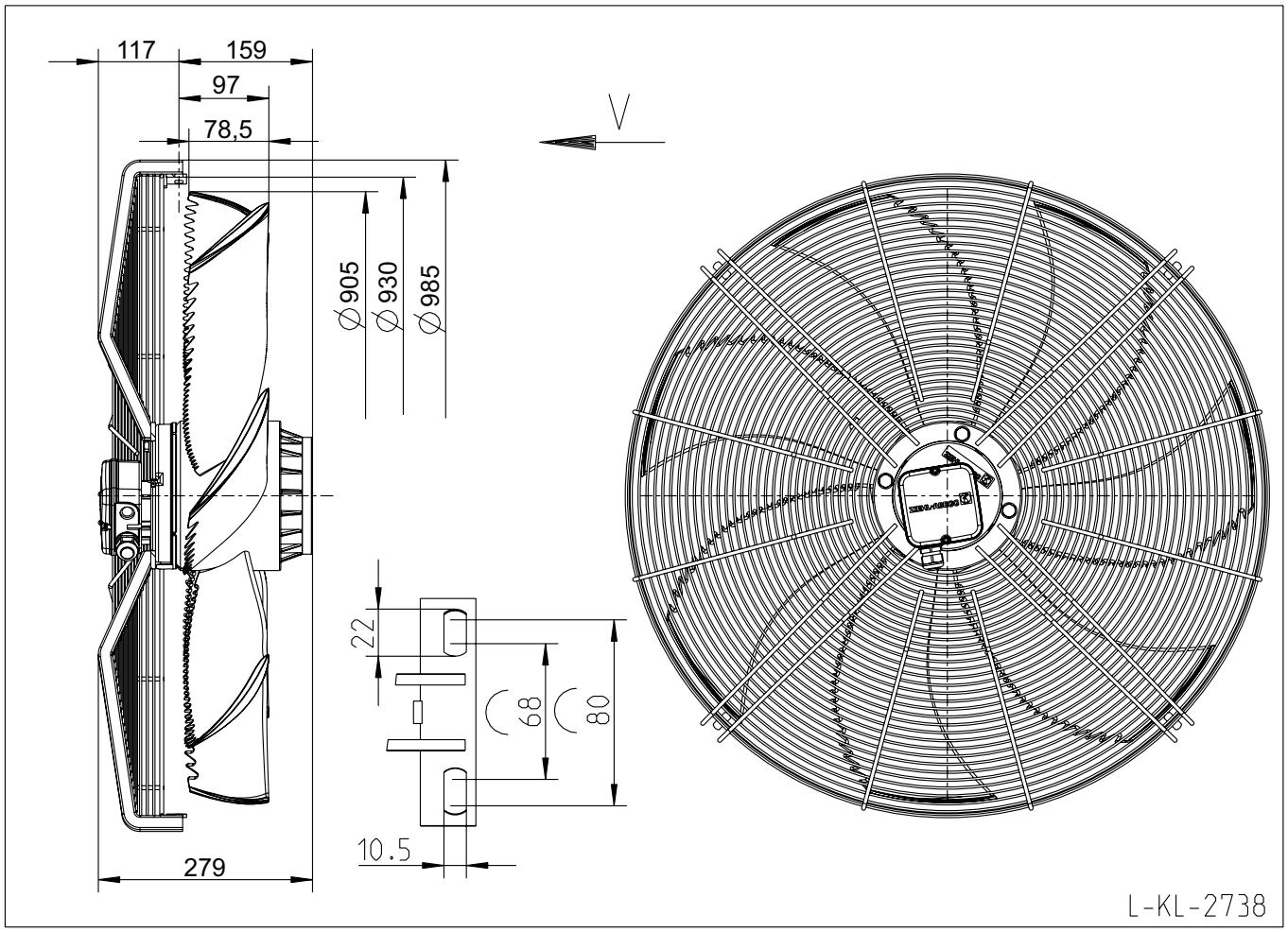
Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



FE2owlet

FN091-ADS.6N.V7P2

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**S**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



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FE2owlet

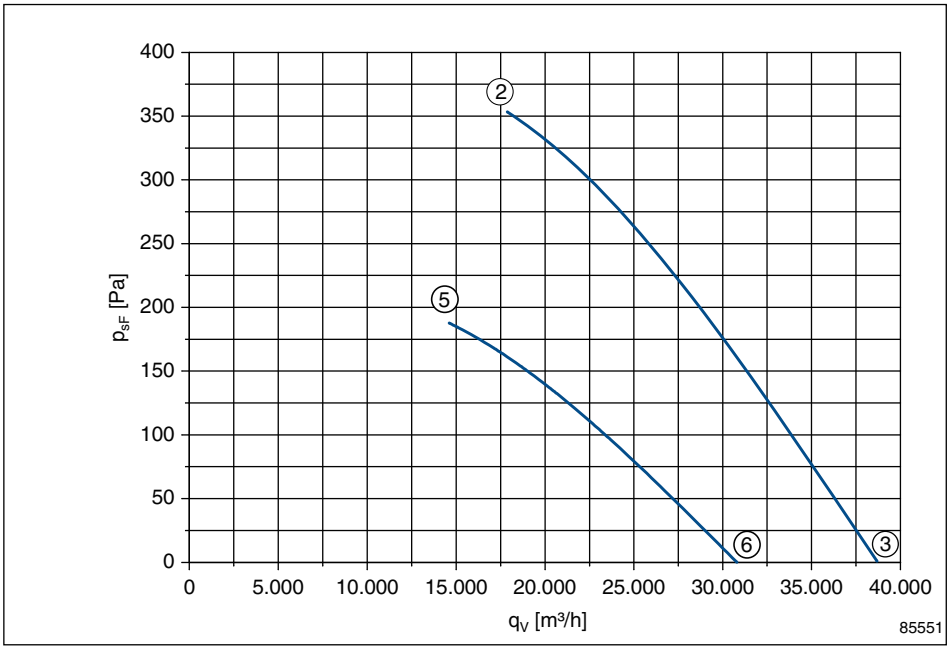
FN091-VD_.7Q._5P1

Leistungsdaten
Performance data

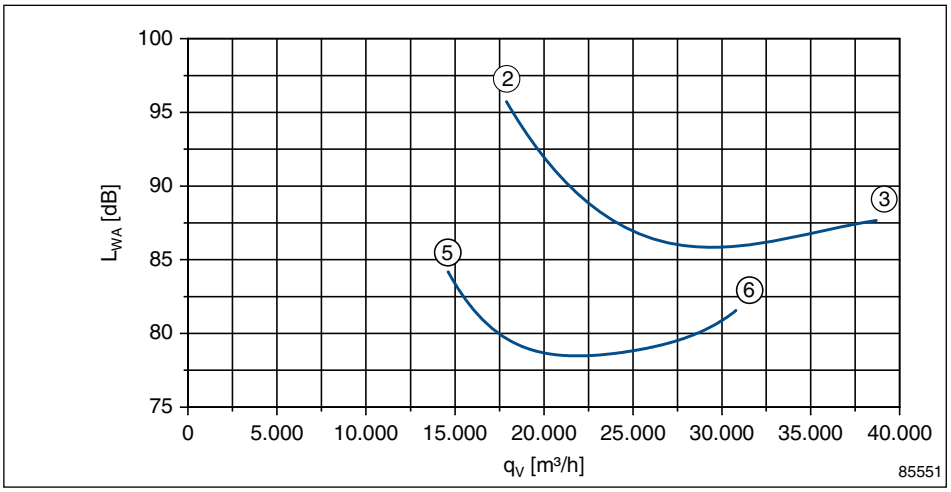
3~ 400V ±10% △/Y 50Hz

P_1	**5,2/3,0**	kW
I	**8,7/5,0**	A
n	**1210/910**	min^{-1}
I_A	30/10	A
ΔI	0	%
t_R	40	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**8,70**	**5200**	**1210**
③	Δ	6,80	3800	1300
⑤	**400**	**5,00**	**3000**	**910**
⑥	Y	4,10	2500	1040



$p_{d2} = 1{,}1 \cdot 10^{-7} \cdot q_V^{\,2}$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN091-VDA.7Q.A5P1	**155923**	**A**	A	40,9	1360-108XB	L-KL-2879	140
FN091-VDQ.7Q.A5P1	**155924**	**Q**	A	64,7	1360-108XB	L-KL-2880	141
FN091-VDA.7Q.V5P1	**155925**	**A**	V	40,9	1360-108XA	L-KL-2881	142
FN091-VDI.7Q.V5P1	**155928**	**I**	V	52,0	1360-108XA	L-KL-2884	143
FN091-VDQ.7Q.V5P1	**155927**	**Q**	V	69,3	1360-108XA	L-KL-2883	144
FN091-VDS.7Q.V5P1	**155926**	**S**	V	52,7	1360-108XA	L-KL-2882	145

FE2owlet

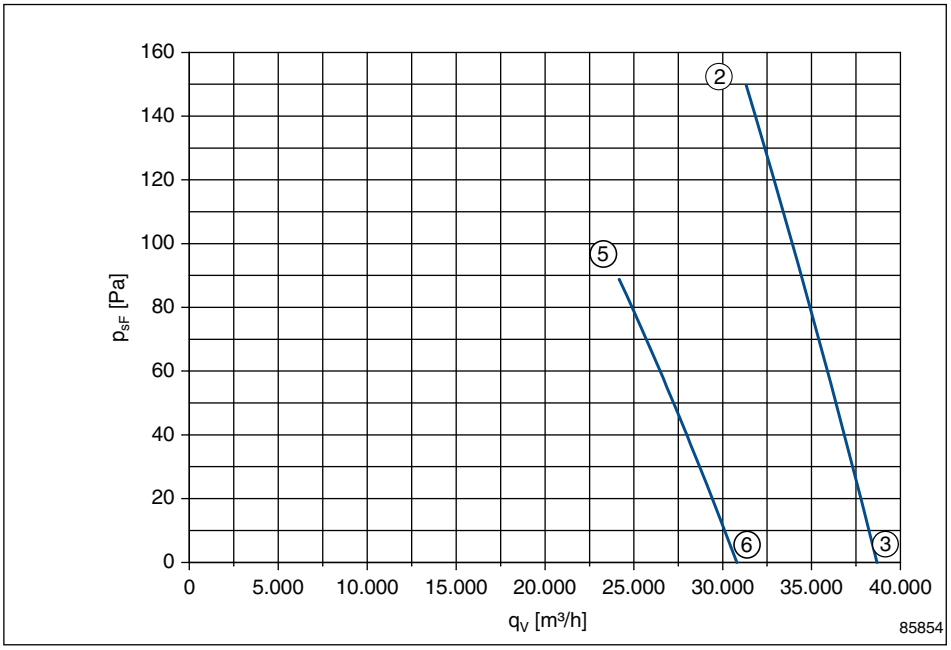
FN091-VD_.7Q._5P1

Leistungsdaten
Performance data

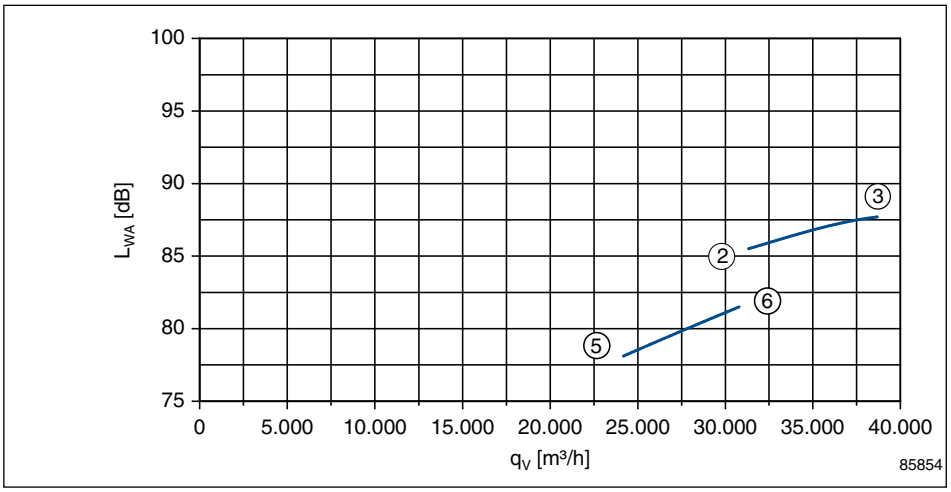
3~ 400V ±10% △/Y 50Hz

P_1	**4,5/2,8**	kW
I	**7,7/4,6**	A
n	**1260/970**	min^{-1}
I_A	30/10	A
ΔI	0	%
t_R	60	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**7,70**	**4500**	**1260**
③	Δ	6,80	3800	1300
⑤	**400**	**4,60**	**2800**	**970**
⑥	Y	4,10	2500	1040



$p_{d2} = 1{,}1 \cdot 10^{-7} \cdot q_V^{\,2}$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN091-VDA.7Q.A5P1	**156186**	**A**	A	40,9	1360-108XB	L-KL-2879	140
FN091-VDQ.7Q.A5P1	**156187**	**Q**	A	64,7	1360-108XB	L-KL-2880	141
FN091-VDA.7Q.V5P1	**156188**	**A**	V	40,9	1360-108XA	L-KL-2881	142
FN091-VDI.7Q.V5P1	**156191**	**I**	V	52,0	1360-108XA	L-KL-2884	143
FN091-VDQ.7Q.V5P1	**156190**	**Q**	V	69,3	1360-108XA	L-KL-2883	144
FN091-VDS.7Q.V5P1	**156189**	**S**	V	52,7	1360-108XA	L-KL-2882	145

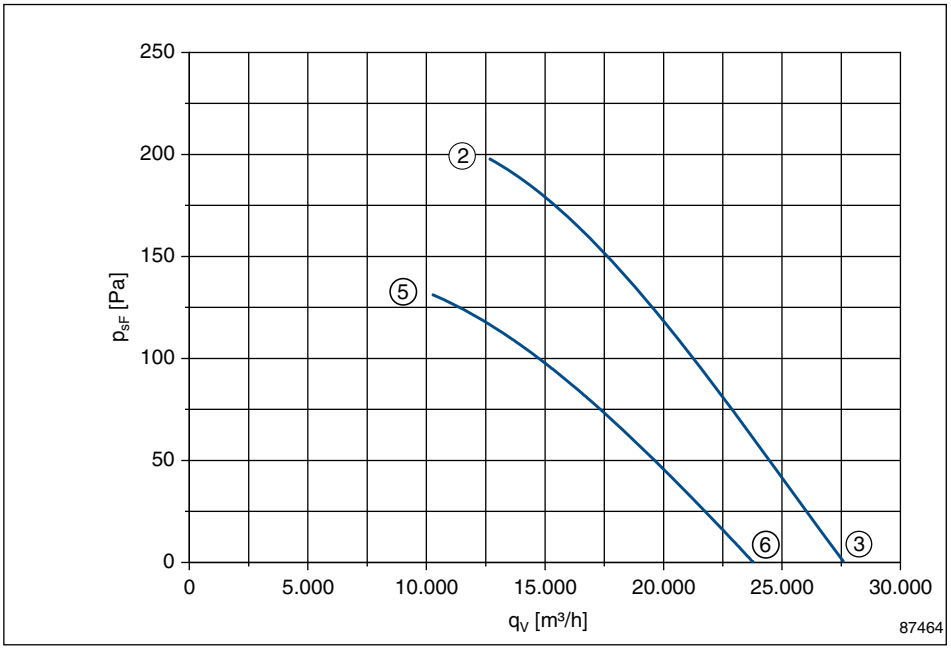
FE2owlet

FN091-SD_.7M._5P1

Leistungsdaten
Performance data

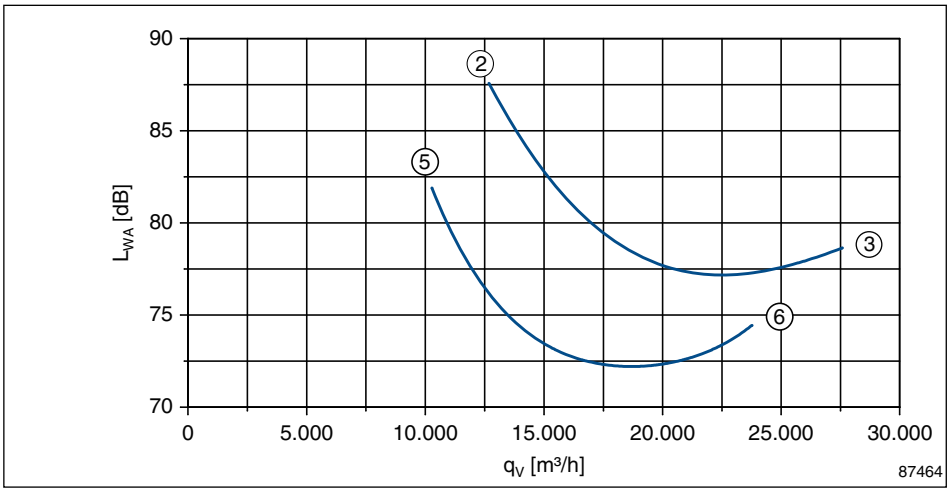
3~ 400V ±10% △/Y 50Hz

P_1	**1,95/1,3**	kW
I	**4,40/2,30**	A
n	**880/720**	min^{-1}
I_A	22/6,5	A
ΔI	0	%
t_R	70	°C



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**4,40**	**1950**	**880**
③	Δ	3,90	1400	920
⑤	**400**	**2,30**	**1300**	**720**
⑥	Y	1,80	1000	790

$p_{d2} = 1{,}1 \cdot 10^{-7} \cdot q_V^{\,2}$



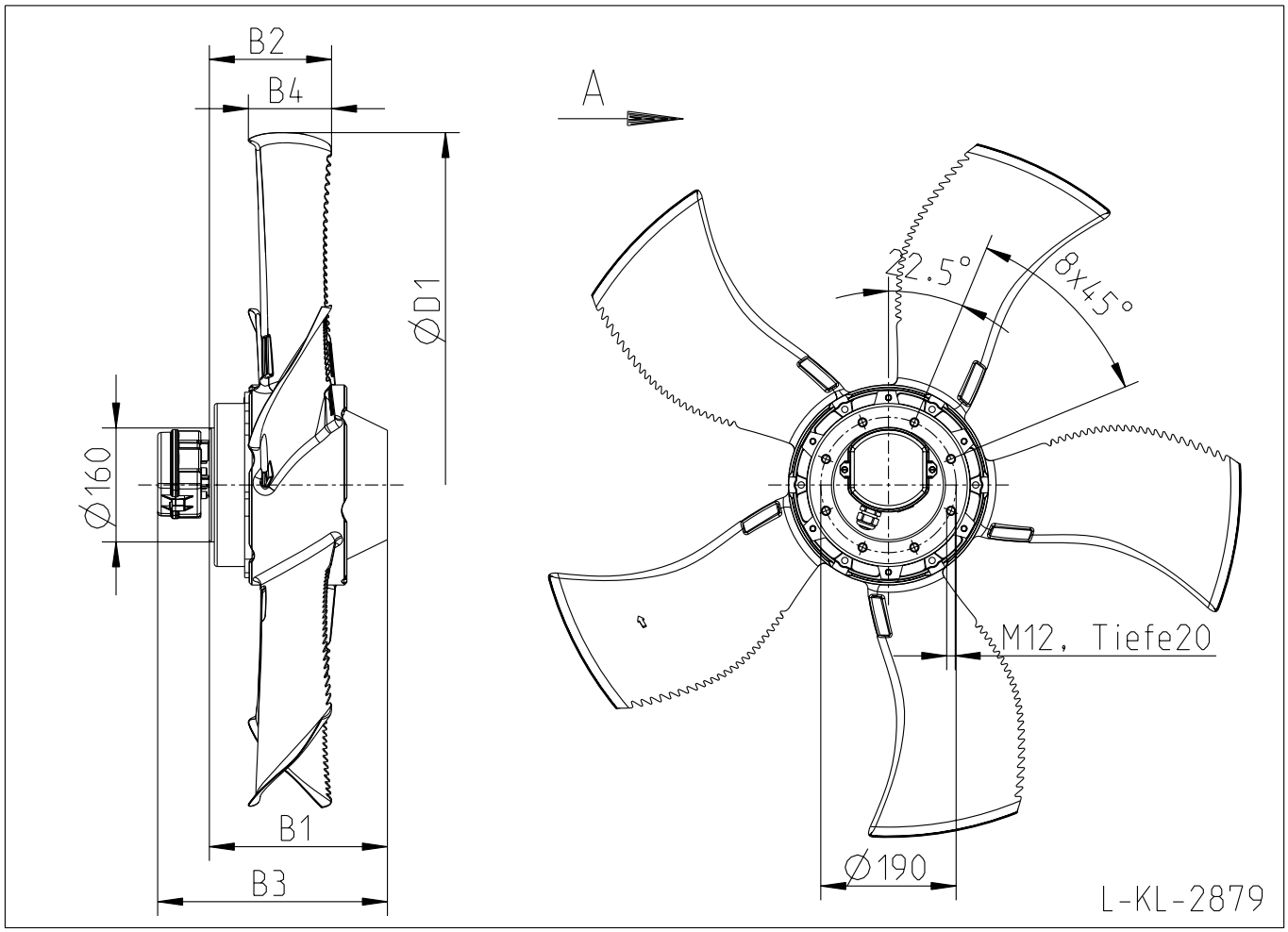
gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN091-SDA.7M.A5P1	**156180**	**A**	A	34,6	1360-108XB	L-KL-2879	140
FN091-SDQ.7M.A5P1	**156181**	**Q**	A	58,2	1360-108XB	L-KL-2880	141
FN091-SDA.7M.V5P1	**156182**	**A**	V	34,6	1360-108XA	L-KL-2881	142
FN091-SDI.7M.V5P1	**156185**	**I**	V	45,9	1360-108XA	L-KL-2884	145
FN091-SDQ.7M.V5P1	**156184**	**Q**	V	63	1360-108XA	L-KL-2883	144
FN091-SDS.7M.V5P1	**156183**	**S**	V	46,4	1360-108XA	L-KL-2882	143

FE2owlet

FN091-_ DA.7_.A5P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



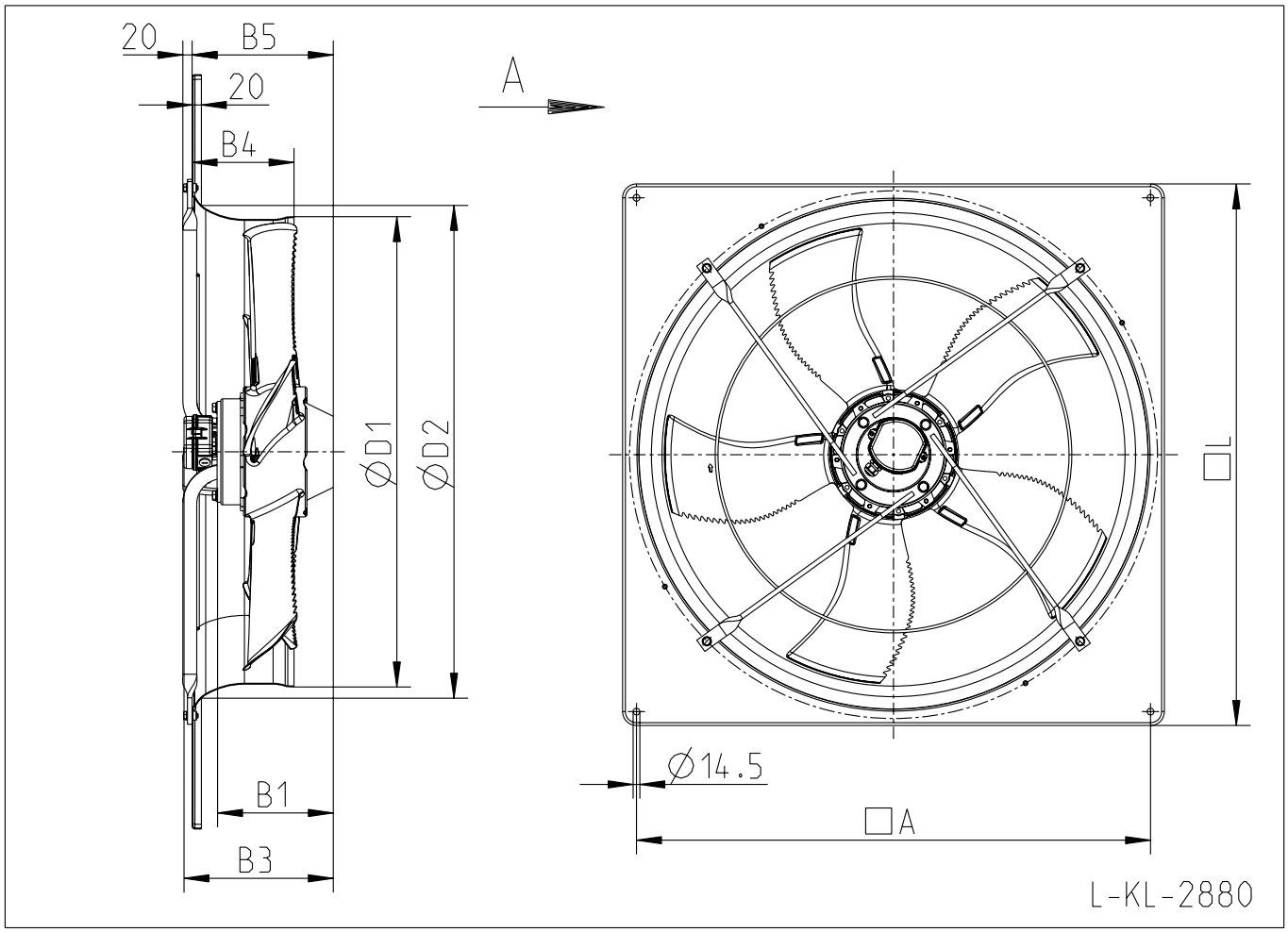
L-KL-2879

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1
FN091-VDA.7Q.A5P1	**155923**	250	153	323	95	905
FN091-VDA.7Q.A5P1	**156186**	250	153	323	95	905
FN091-SDA.7M.A5P1	**156180**	220	153	293	95	905

FE2owlet

FN091-_ DQ.7_.A5P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



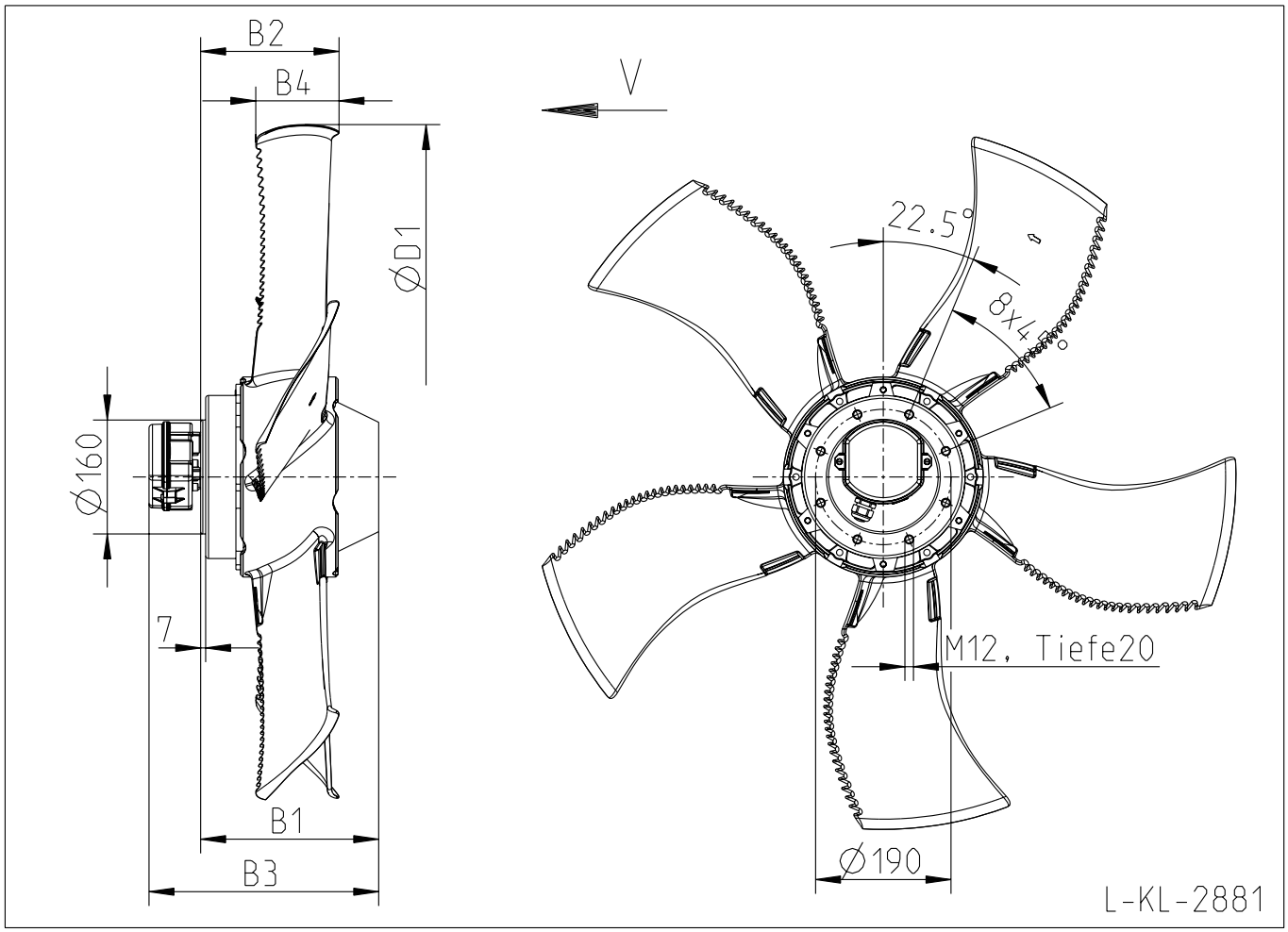
L-KL-2880

Typ *Type*	Artikel-Nr. *Article no.*	A	B1	B3	B4	B5	D1	D2	L
FN091-VDQ.7Q.A5P1	**155924**	1010	250	323	205	298	922	977	1070
FN091-VDQ.7Q.A5P1	**156187**	1010	250	323	205	298	922	977	1070
FN091-SDQ.7M.A5P1	**156181**	1010	220	293	205	268	922	977	1070

FE2owlet

FN091-_ DA.7_.V5P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



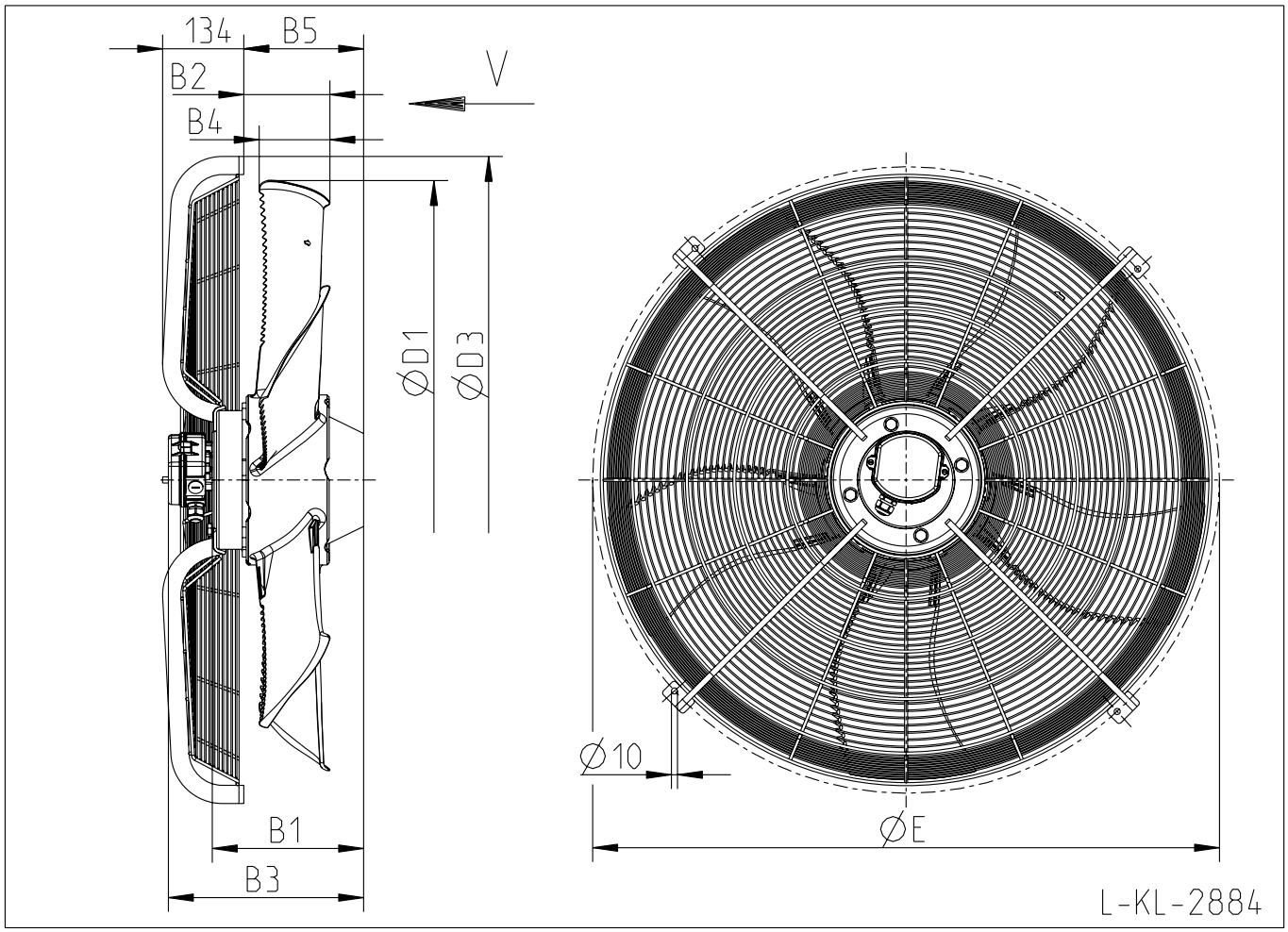
L-KL-2881

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1
FN091-VDA.7Q.V5P1	**155925**	250	180	323	95	905
FN091-VDA.7Q.V5P1	**156188**	250	180	323	95	905
FN091-SDA.7M.V5P1	**156182**	220	180	293	95	905

FE2owlet

FN091-_ DI.7_.V5P1

Luftförderrichtung *Airflow direction*	V
Bauform *Design*	I
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



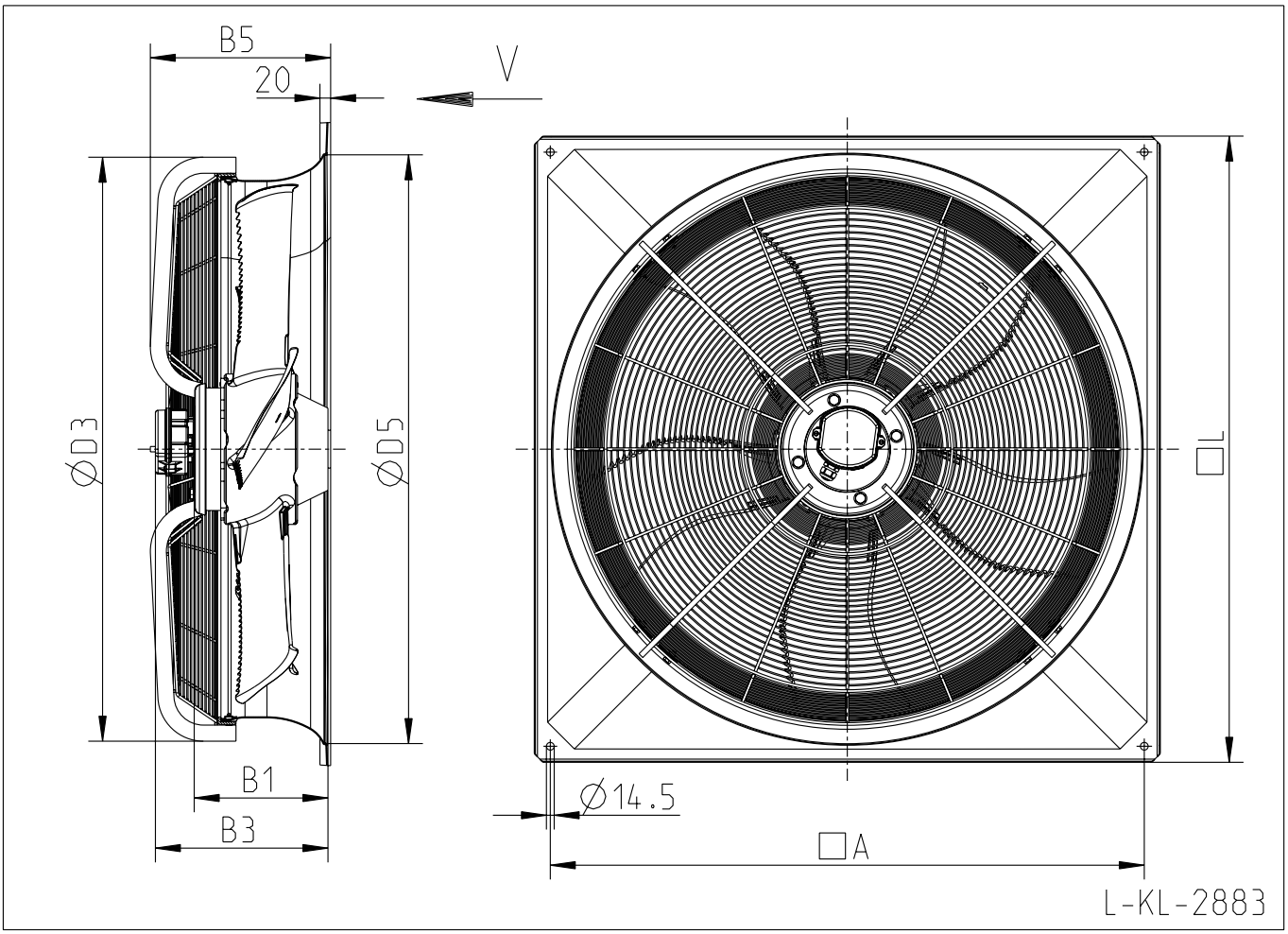
L-KL-2884

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	B5	D1	D3	E
FN091-VDI.7Q.V5P1	**155928**	250	138	323	95	207	905	973	955
FN091-VDI.7Q.V5P1	**156191**	250	138	323	95	207	905	973	955
FN091-SDI.7M.V5P1	**156185**	220	138	293	95	177	905	973	955

FE2owlet

FN091-_ DQ.7_.V5P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



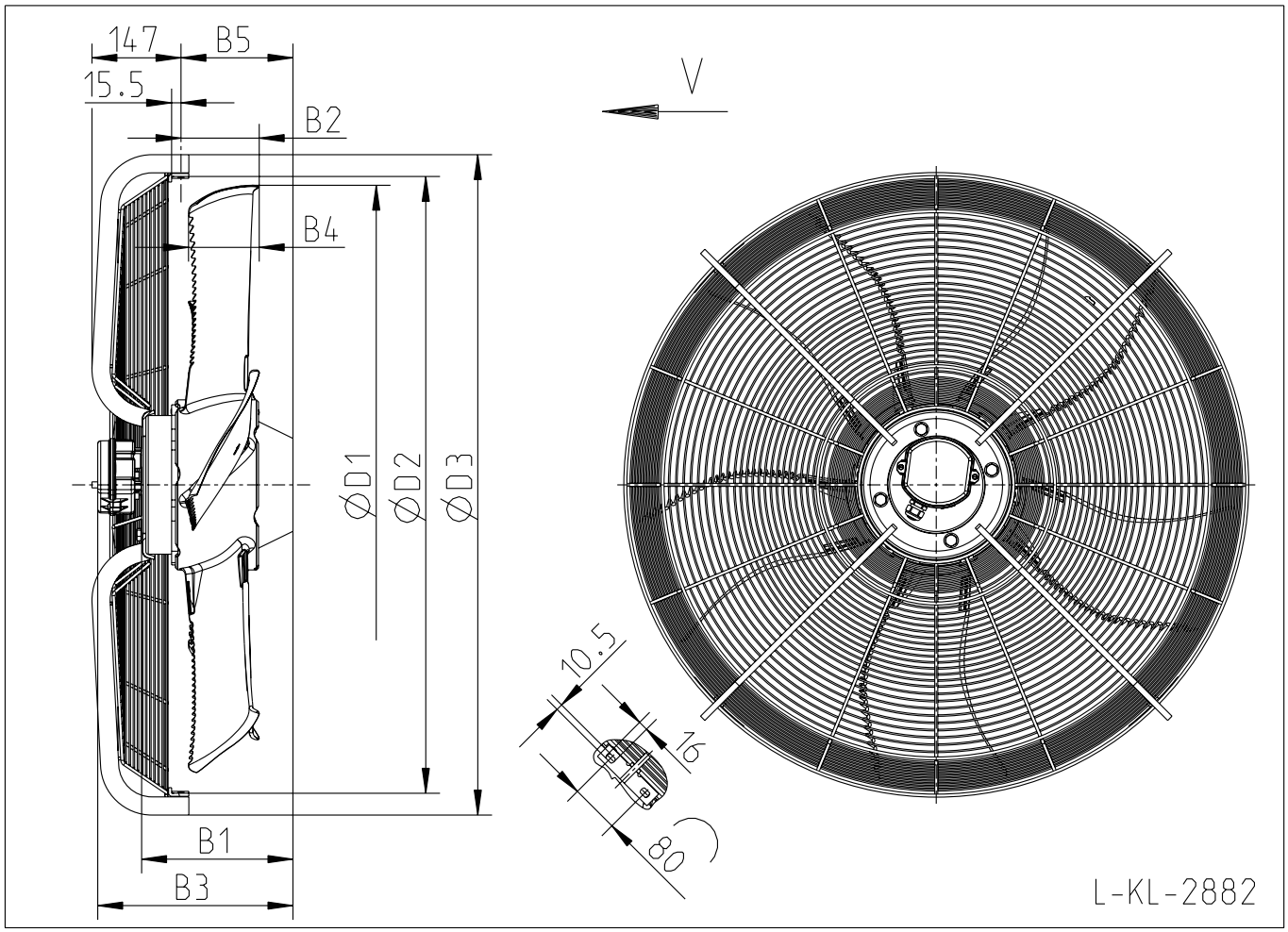
L-KL-2883

Typ *Type*	Artikel-Nr. *Article no.*	A	B1	B3	B5	D3	D5	L
FN091-VDQ.7Q.V5P1	**155927**	1010	250	323	337	1005	1025	1070
FN091-VDQ.7Q.V5P1	**156190**	1010	250	323	337	1005	1025	1070
FN091-SDQ.7M.V5P1	**156184**	1010	220	293	337	1005	1025	1070

FE2owlet

FN091-_ DS.7_.V5P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**S**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2882

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	B5	D1	D2	D3
FN091-VDS.7Q.V5P1	**155 926**	250	115	323	95	185	905	933	1005
FN091-VDS.7Q.V5P1	**156 189**	250	115	323	95	185	905	933	1005
FN091-SDS.7M.V5P1	**156 183**	220	115	293	95	155	905	933	1005

FE2owlet

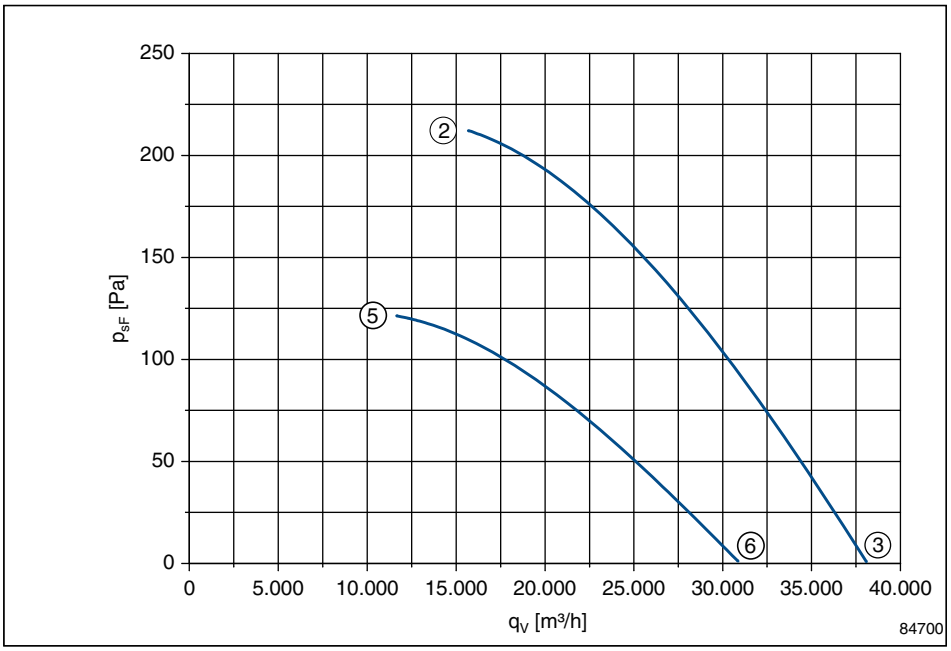
FN100-SD_.7Q._5P1

Leistungsdaten
Performance data

3~ 400V ±10% △/Y 50Hz

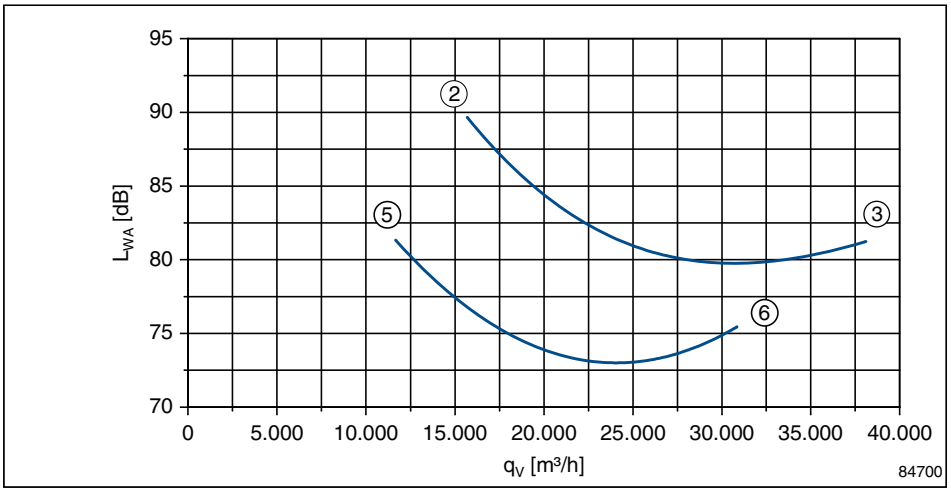
P_1	**3,1/1,95**	kW
I	**5,50/3,40**	A
n	**870/660**	min^{-1}
I_A	22/7	A
ΔI	5	%
t_R	65	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**5,50**	**3100**	**870**
③	Δ	4,50	2300	910
⑤	**400**	**3,40**	**1950**	**660**
⑥	Y	2,80	1640	740

$p_{d2} = 7{,}5 \cdot 10^{-8} \cdot q_V^2$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN100-SDA.7Q.A5P1	**155 853**	**A**	A	42,6	1360-108XB	L-KL-2879	150
FN100-SDQ.7Q.A5P1	**155 854**	**Q**	A	69,5	1360-108XB	L-KL-2880	151
FN100-SDA.7Q.V5P1	**155 855**	**A**	V	42,6	1360-108XA	L-KL-2881	152
FN100-SDI.7Q.V5P1	**155 856**	**I**	V	54,3	1360-108XA	L-KL-2884	153
FN100-SDQ.7Q.V5P1	**155 857**	**Q**	V	73,8	1360-108XA	L-KL-2883	154
FN100-SDS.7Q.V5P1	**155 858**	**S**	V	55,1	1360-108XA	L-KL-2882	155

FE2owlet

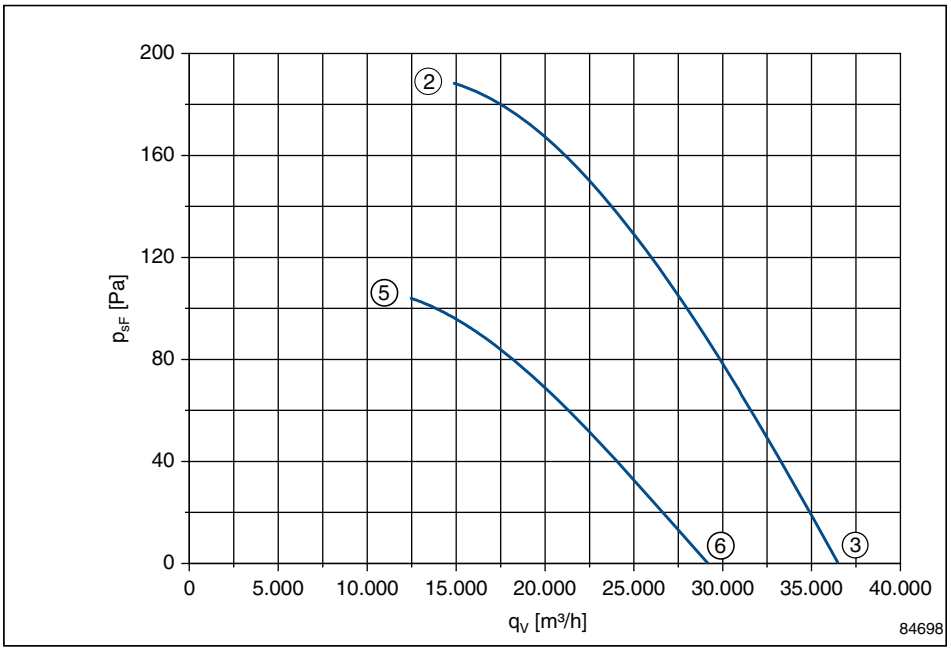
FN100-SD_.7Q._5P1

Leistungsdaten
Performance data

3~ 400V ±10% △/Y 50Hz

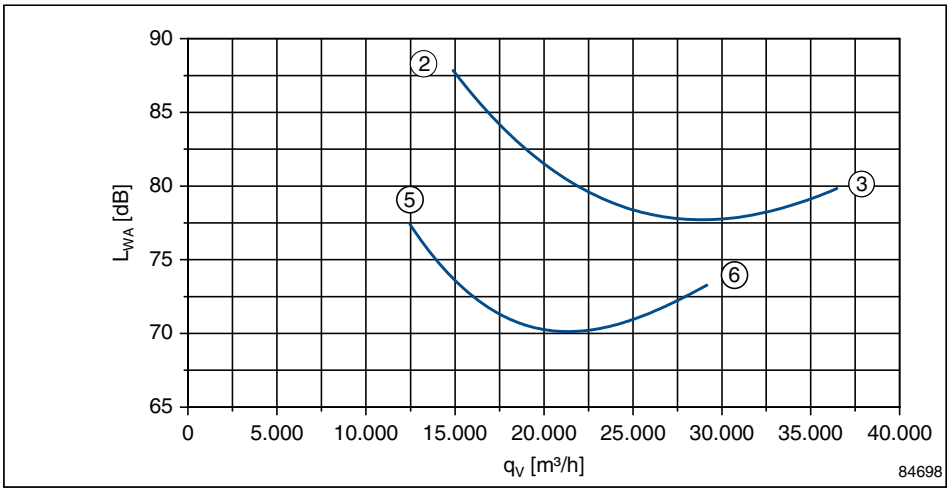
P_1	**2,7/1,6**	kW
I	**5,30/2,80**	A
n	**820/620**	min^{-1}
I_A	24,0/7,5	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**5,30**	**2700**	**820**
③	△	4,60	2120	870
⑤	**400**	**2,80**	**1600**	**620**
⑥	Y	2,40	1370	700

$p_{d2} = 7{,}5 \cdot 10^{-8} \cdot q_V^{\ 2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN100-SDA.7Q.A5P1	**155 859**	**A**	A	42,6	1360-108XB	L-KL-2879	150
FN100-SDQ.7Q.A5P1	**155 860**	**Q**	A	69,5	1360-108XB	L-KL-2880	151
FN100-SDA.7Q.V5P1	**155 861**	**A**	V	42,6	1360-108XA	L-KL-2881	152
FN100-SDI.7Q.V5P1	**155 862**	**I**	V	54,3	1360-108XA	L-KL-2884	153
FN100-SDQ.7Q.V5P1	**155 863**	**Q**	V	73,8	1360-108XA	L-KL-2883	154
FN100-SDS.7Q.V5P1	**155 864**	**S**	V	55,1	1360-108XA	L-KL-2882	155

FE2owlet

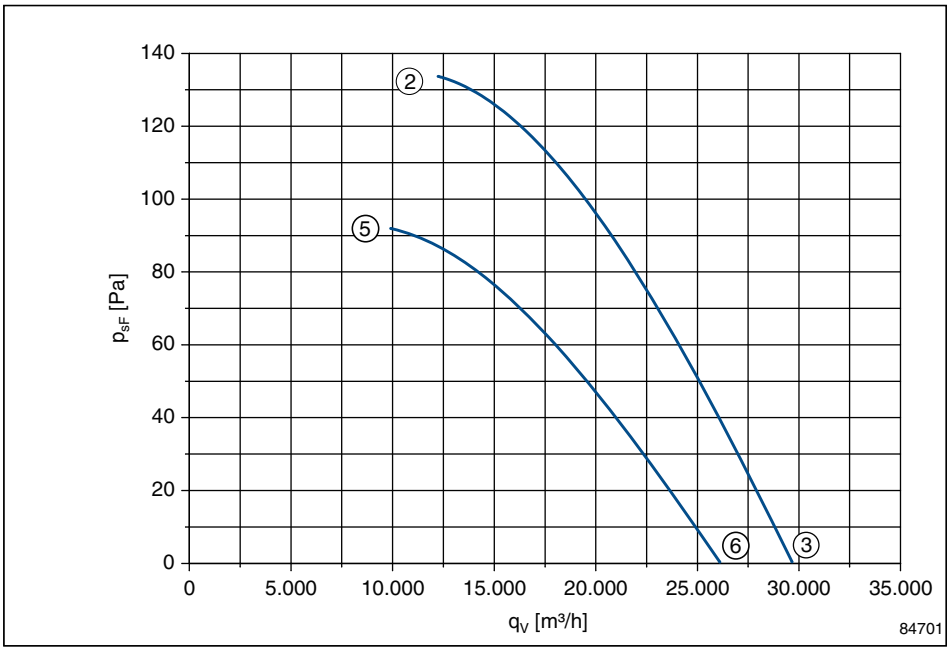
FN100-AD_.7M._5P1

Leistungsdaten
Performance data

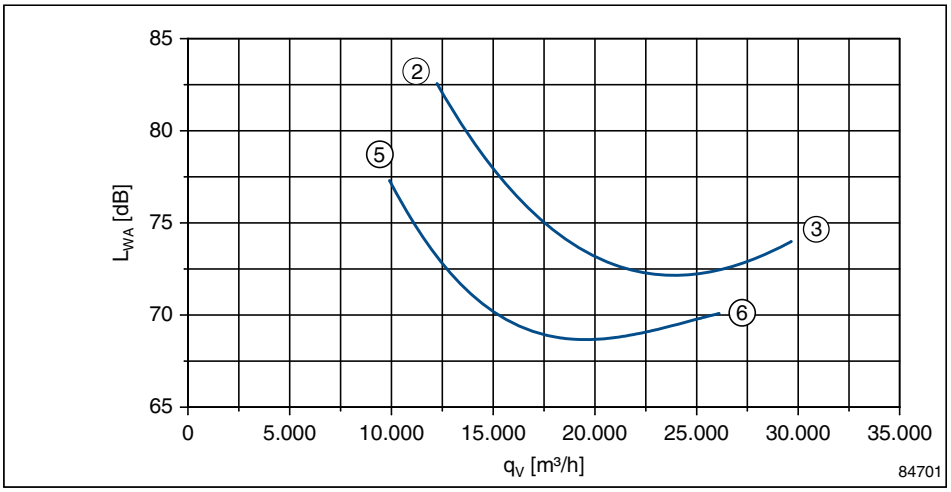
3~ 400V ±10% Δ/Y 50Hz

P_1	**1,55/1,15**	kW
I	**3,30/2,0**	A
n	**690/570**	min^{-1}
I_A	14/4,4	A
ΔI	5	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**3,30**	**1550**	**690**
③	Δ	2,90	1140	710
⑤	**400**	**2,00**	**1150**	**570**
⑥	Y	1,60	900	630



$p_{d2} = 7{,}5 \cdot 10^{-8} \cdot q_V^{\ 2}$

gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN100-ADA.7M.A5P1	**155 847**	**A**	A	36,2	1360-108XB	L-KL-2879	150
FN100-ADQ.7M.A5P1	**155 848**	**Q**	A	63,0	1360-108XB	L-KL-2880	151
FN100-ADA.7M.V5P1	**155 849**	**A**	V	36,2	1360-108XA	L-KL-2881	152
FN100-ADI.7M.V5P1	**155 850**	**I**	V	47,8	1360-108XA	L-KL-2884	153
FN100-ADQ.7M.V5P1	**155 851**	**Q**	V	67,9	1360-108XA	L-KL-2883	154
FN100-ADS.7M.V5P1	**155 852**	**S**	V	48,6	1360-108XA	L-KL-2882	155

FE2owlet

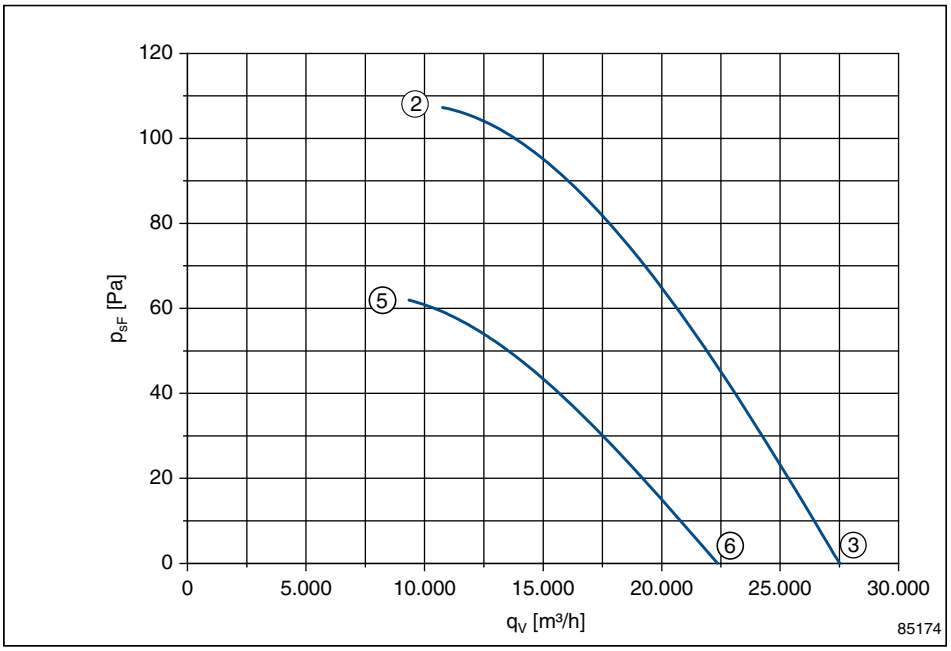
FN100-AD_.7M._5P1

Leistungsdaten
Performance data

3~ 400V ±10% △/Y 50Hz

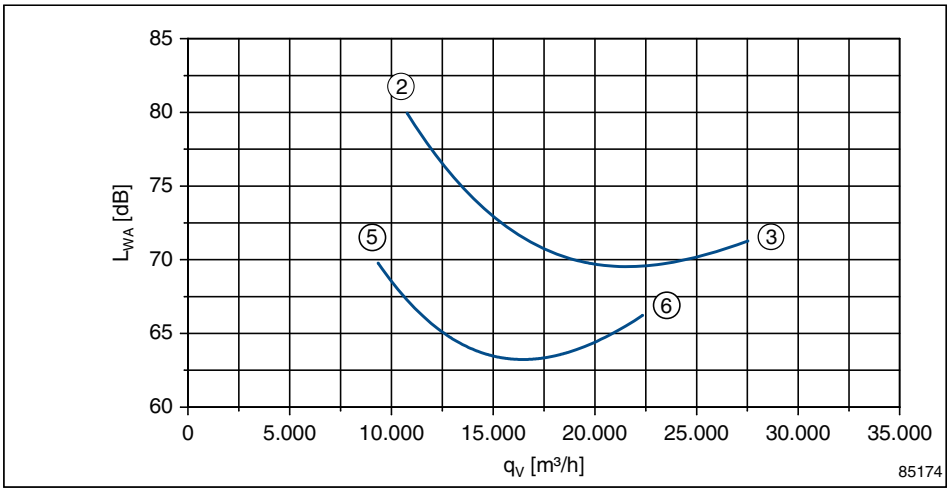
P_1	**1,25/0,74**	kW
I	**2,9/1,4**	A
n	**620/480**	min^{-1}
I_A	14/4,4	A
ΔI	0	%
t_R	70	°C

Kennliniendaten
Characteristic data



	U	I	P_1	n
	V	A	W	min^{-1}
②	**400**	**2,90**	**1250**	**620**
③	Δ	2,70	970	660
⑤	**400**	**1,40**	**740**	**480**
⑥	Y	1,20	630	540

$p_{d2} = 7{,}5 \cdot 10^{-8} \cdot q_V^{\,2}$



gemessen in Volldüse ohne Berührschutz in Einbauart A nach ISO 5801
measured in full bell mouth without guard grille in installation type A according to ISO 5801

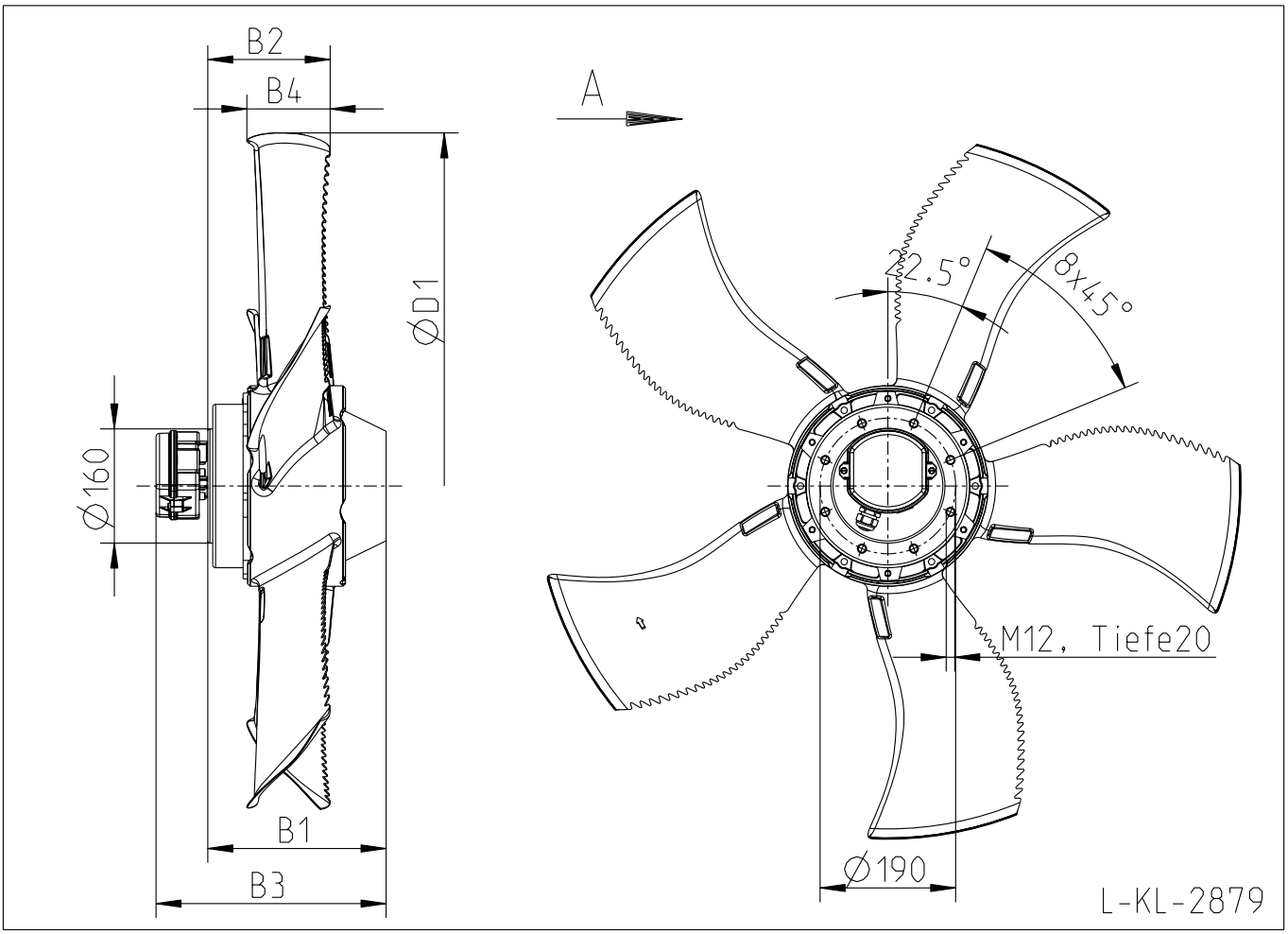
Maßblatt / *Dimension sheet*

Typ *Type*	Artikel-Nr. *Article no.*	Bauform *Design*	Luftförderrichtung *Airflow direction*	Gewicht *Weight*	Anschlussschaltbild *Connection diagram*	Maßblatt *Dimension sheet*	Seite *Page*
FN100-ADA.7M.A5P1	**155 865**	**A**	A	36,2	1360-108XB	L-KL-2879	150
FN100-ADQ.7M.A5P1	**155 866**	**Q**	A	63,0	1360-108XB	L-KL-2880	151
FN100-ADA.7M.V5P1	**155 867**	**A**	V	36,2	1360-108XA	L-KL-2881	152
FN100-ADI.7M.V5P1	**155 868**	**I**	V	47,8	1360-108XA	L-KL-2884	153
FN100-ADQ.7M.V5P1	**155 869**	**Q**	V	67,9	1360-108XA	L-KL-2883	154
FN100-ADS.7M.V5P1	**155 870**	**S**	V	48,6	1360-108XA	L-KL-2882	155

FE2owlet

FN100-_ DA.7_.A5P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



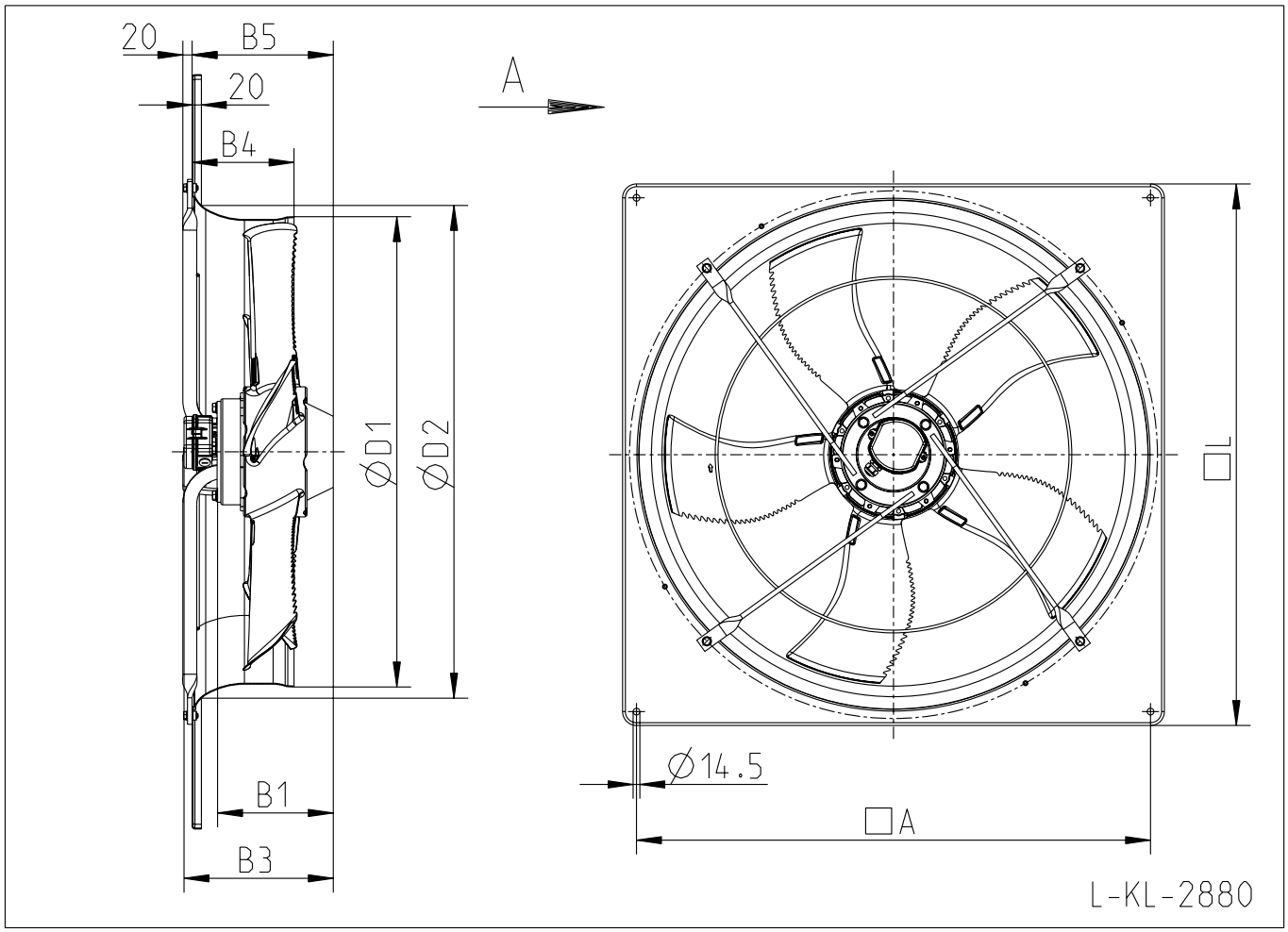
L-KL-2879

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1
FN100-SDA.7Q.A5P1	**155 853**	250	172	323	117	990
FN100-SDA.7Q.A5P1	**155 859**	250	172	323	117	990
FN100-ADA.7M.A5P1	**155 847**	220	172	293	117	990
FN100-ADA.7M.A5P1	**155 865**	220	172	293	117	990

FE2owlet

FN100-_ DQ.7_.A5P1

Luftförderrichtung *Airflow direction*	**A**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



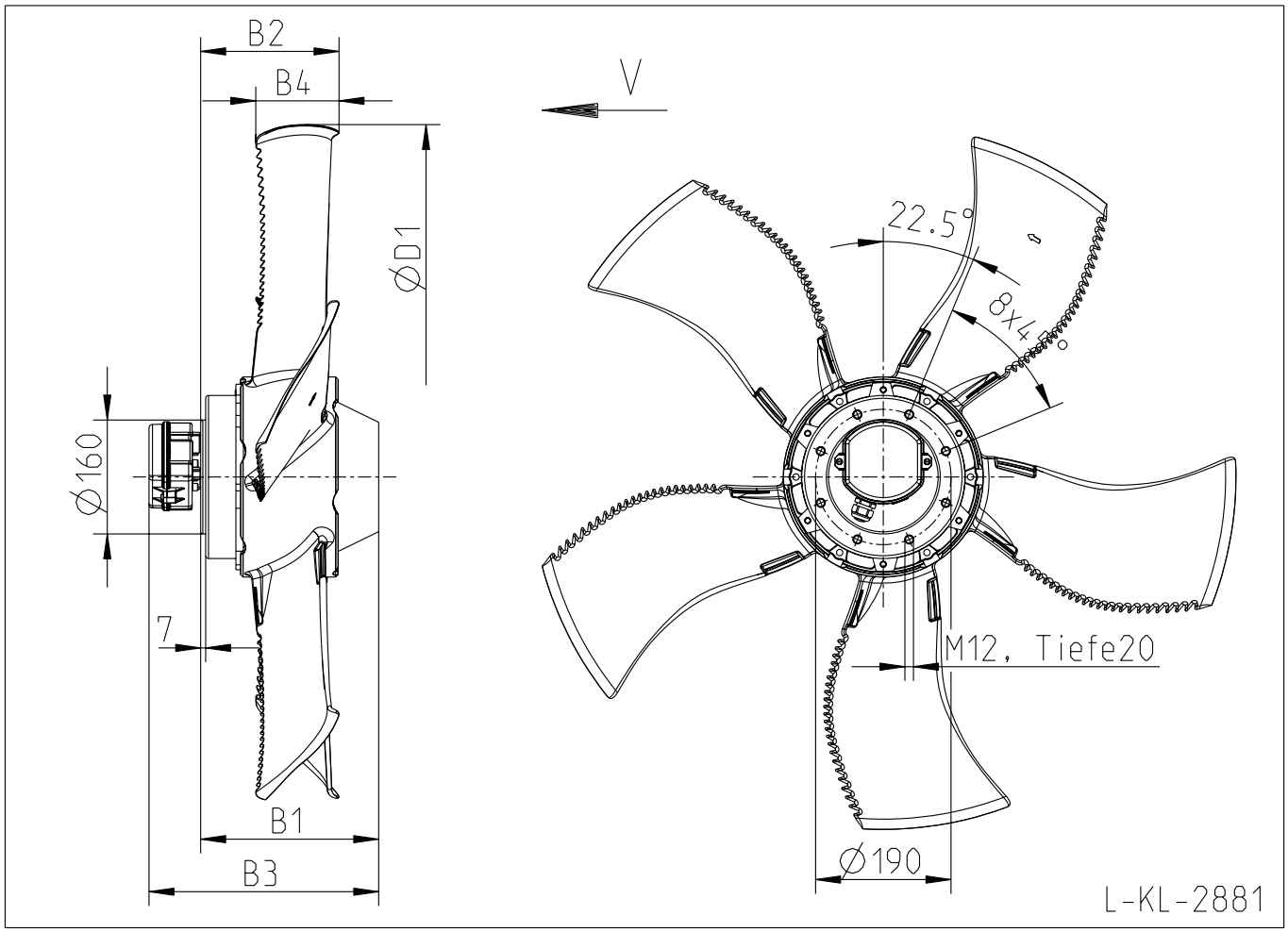
L-KL-2880

Typ *Type*	Artikel-Nr. *Article no.*	A	B1	B3	B4	B5	D1	D2	L
FN100-SDQ.7Q.A5P1	**155 854**	1110	250	323	220	305	1016	1067	1170
FN100-SDQ.7Q.A5P1	**155 860**	1110	250	323	220	305	1016	1067	1170
FN100-ADQ.7M.A5P1	**155 848**	1110	220	293	220	275	1016	1067	1170
FN100-ADQ.7M.A5P1	**155 866**	1110	220	293	220	275	1016	1067	1170

FE2owlet

FN100-_ DA.7_.V5P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**A**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



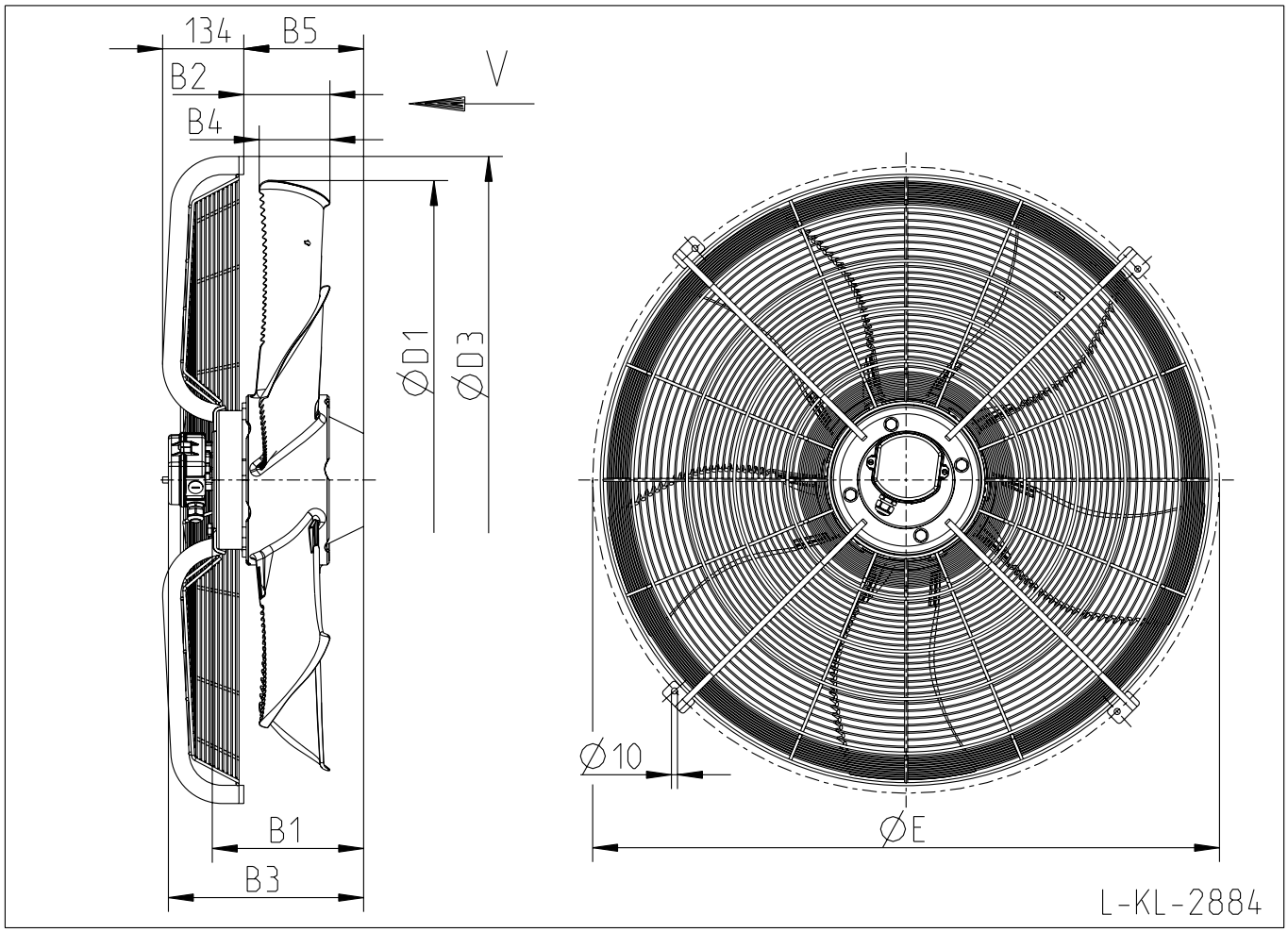
L-KL-2881

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	D1
FN100-SDA.7Q.V5P1	**155 855**	250	195	323	117	990
FN100-SDA.7Q.V5P1	**155 861**	250	195	323	117	990
FN100-ADA.7M.V5P1	**155 849**	220	195	293	117	990
FN100-ADA.7M.V5P1	**155 867**	220	195	293	117	990

FE2owlet

FN100-_ DI.7_.V5P1

Luftförderrichtung *Airflow direction*	V
Bauform *Design*	I
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



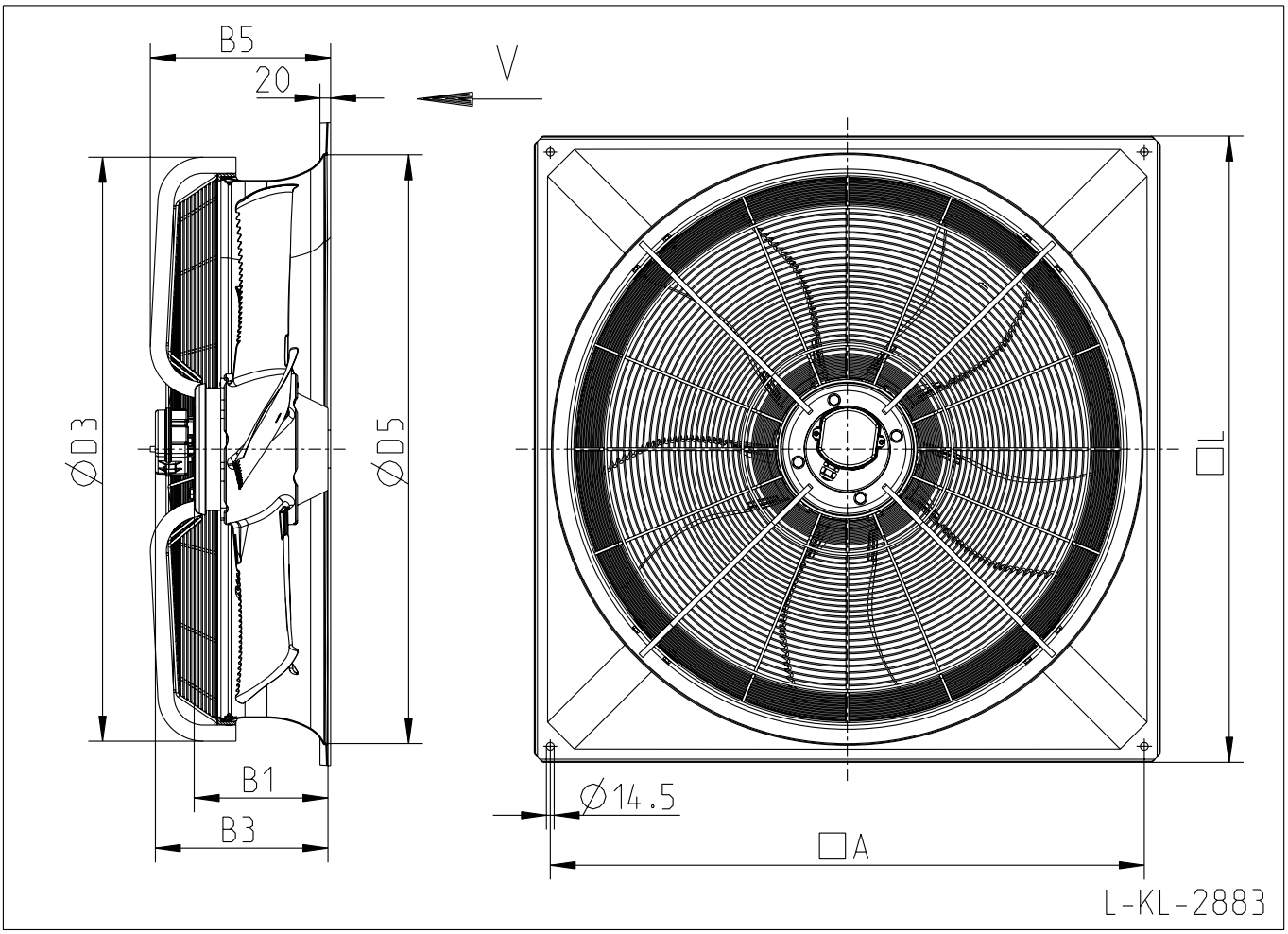
L-KL-2884

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	B5	D1	D3	E
FN100-SDI.7Q.V5P1	**155 856**	250	142	323	117	198	990	1070	1035
FN100-SDI.7Q.V5P1	**155 862**	250	142	323	117	198	990	1070	1035
FN100-ADI.7M.V5P1	**155 850**	220	142	293	117	168	990	1070	1035
FN100-ADI.7M.V5P1	**155 868**	220	142	293	117	168	990	1070	1035

FE2owlet

FN100-_ DQ.7_.V5P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**Q**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



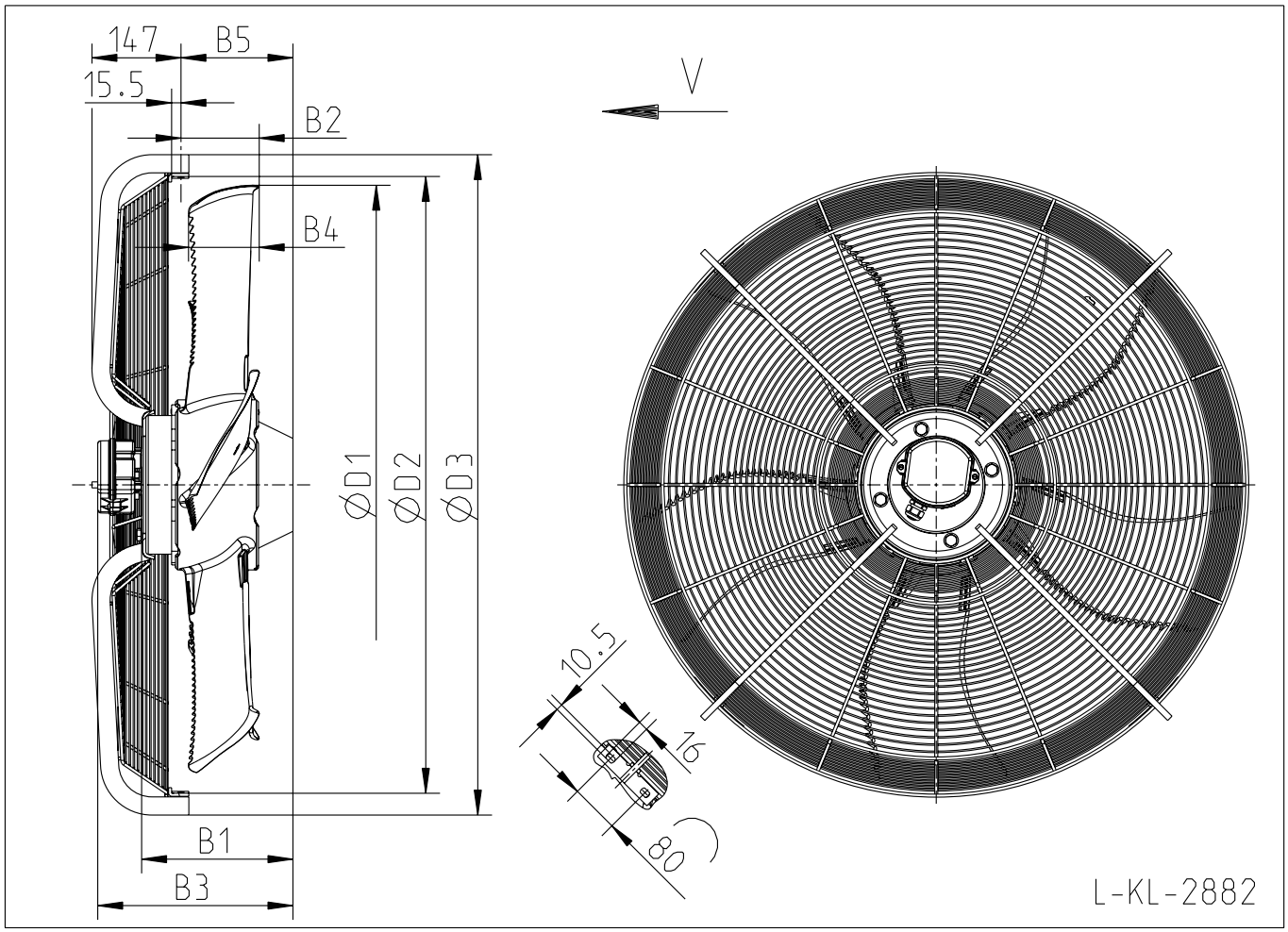
L-KL-2883

Typ *Type*	Artikel-Nr. *Article no.*	A	B1	B3	B5	D3	D5	L
FN100-SDQ.7Q.V5P1	**155 857**	1110	250	323	337	1091	1100	1170
FN100-SDQ.7Q.V5P1	**155 863**	1110	250	323	337	1091	1100	1170
FN100-ADQ.7M.V5P1	**155 851**	1110	220	293	337	1091	1100	1170
FN100-ADQ.7M.V5P1	**155 869**	1110	220	293	337	1091	1100	1170

FE2owlet

FN100-_ DS.7_.V5P1

Luftförderrichtung *Airflow direction*	**V**
Bauform *Design*	**S**
Flügelmaterial *Material of impeller*	Aluminium *Aluminium*



L-KL-2882

Typ *Type*	Artikel-Nr. *Article no.*	B1	B2	B3	B4	B5	D1	D2	D3
FN100-SDS.7Q.V5P1	**155 858**	250	130	323	117	185	990	1019	1091
FN100-SDS.7Q.V5P1	**155 864**	250	130	323	117	185	990	1019	1091
FN100-ADS.7M.V5P1	**155 852**	220	130	293	117	155	990	1019	1091
FN100-ADS.7M.V5P1	**155 870**	220	130	293	117	155	990	1019	1091