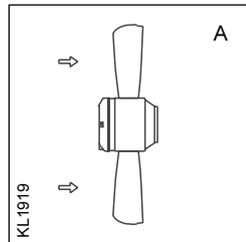


Axialventilator Axial fan

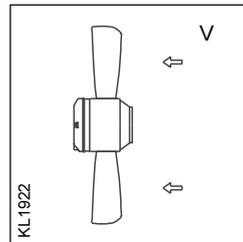
FE050-VD_.4I._

f = 50 Hz

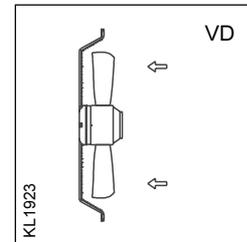
Bauformen Designs



FE050-VDA.4I.1
124 710



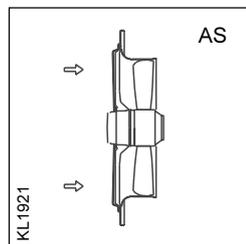
FE050-VDA.4I.2
107 736



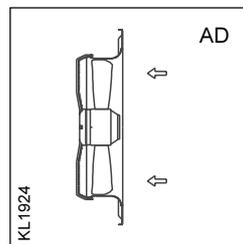
FE050-VDK.4I.6
107 363

Typ / type

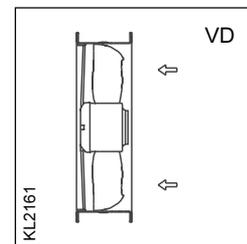
Artikel-Nr. / article no.



FE050-VDQ.4I.3
108 257



FE050-VDQ.4I.5
108 070



FE050-VDF.4I.6
124 726

Typ / type

Artikel-Nr. / article no.

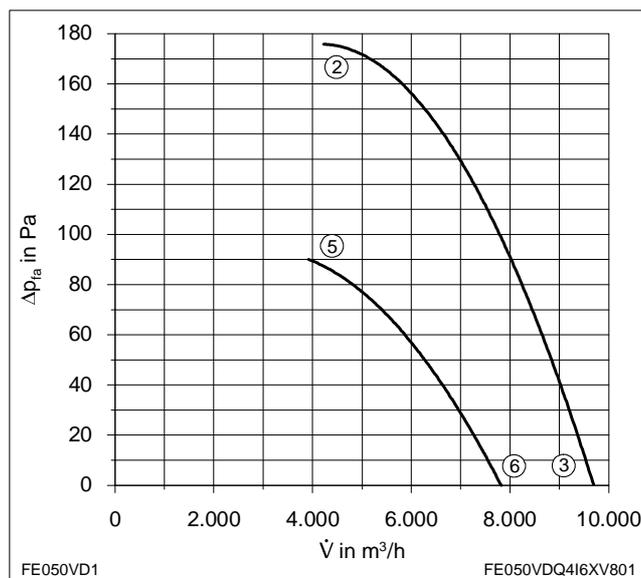
Leistungsdaten Performance data

FE050-VD_.4I._

3~ 400 V ± 10% Δ/Y 50 Hz

Motor	106-70-4-4	
P_1	0,78/0,55	kW
I	1,35/0,94	A
n	1340/1000	min ⁻¹
I_A	4,7/1,6	A
$C_{400V/Komp. *)}$	3	μF
t_R	60	°C

P_{d2} 1,15 · 10⁻⁶ · \dot{V}^2



	U	I	P_1	n	L_{WA}
	V	A	W	min ⁻¹	dB
②	400	1,35	780	1340	76
③	Δ	1,15	620	1390	76
⑤	400	0,94	550	1000	69
⑥	Y	0,79	470	1130	71

Ventilator Kennlinie gemessen mit Volldüse ohne Berührungsschutz in Einbauart A nach DIN 24163 Teil 2 (ISO 5801)
Fan characteristic curve based on full bell mouth without guard grille in installation type A according to
DIN 24163 Part 2 (ISO 5801)

*) Kompensationskondensator, siehe Allgemeine Hinweise / Geräuschfilter
Compensation capacitor, see Technical description / Noise filter

Axialventilator

Axial fan

FE050-VD_.4I._

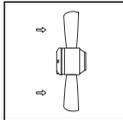
f = 50 Hz

Beschreibung

Description

Maßblatt

Dimension sheet



FE050-VDA.4I.1

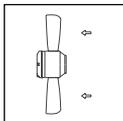
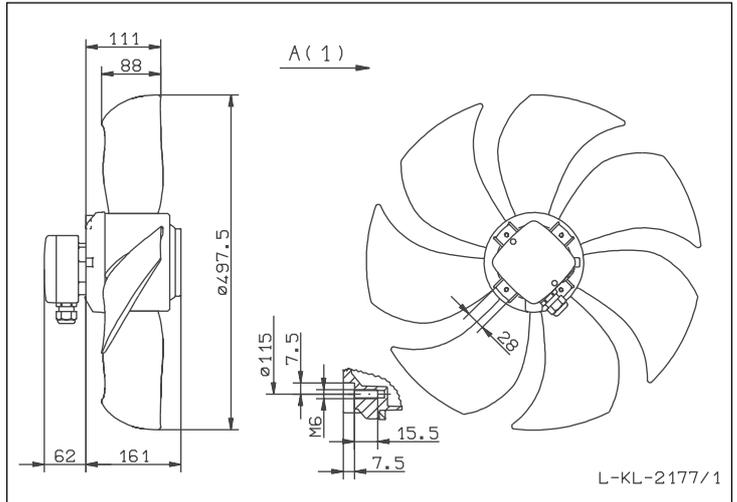
Artikel-Nr. / article no.
124 710

Axialventilator Bauform A
Klemmenkasten
Luftförderrichtung A (1)

Axial fan design A
Terminal box
Air flow direction A (1)

11,2 kg

Anschlußschaltbild 108XB
Connection diagram



FE050-VDA.4I.2

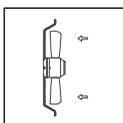
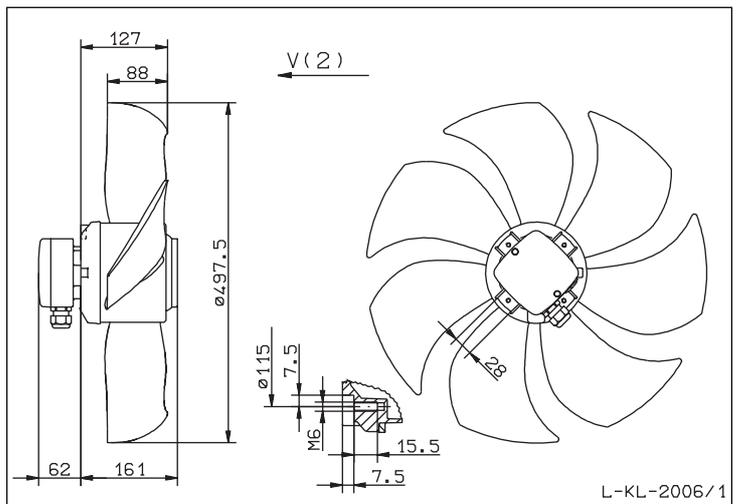
Artikel-Nr. / article no.
107 736

Axialventilator Bauform A
Klemmenkasten
Luftförderrichtung V (2)

Axial fan design A
Terminal box
Air flow direction V (2)

11,2 kg

Anschlußschaltbild 108XA
Connection diagram



FE050-VDK.4I.6

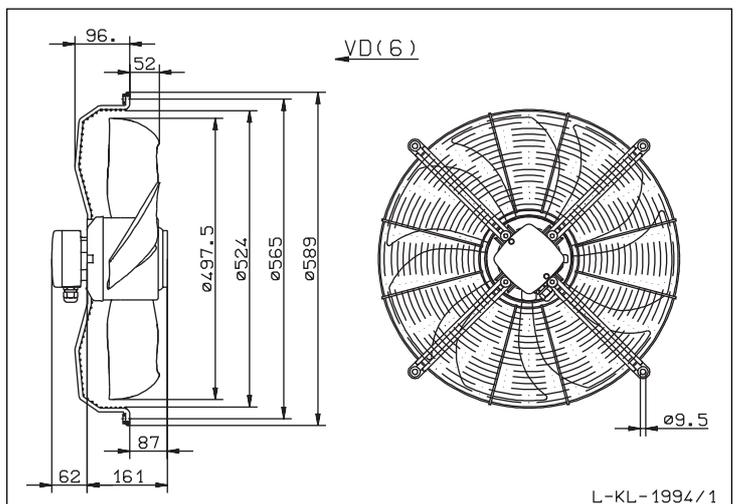
Artikel-Nr. / article no.
107 363

Axialventilator für Einbau in Kurzdüse
Motoraufhängung mit druckseitig integriertem
Berührungsschutz, Klemmenkasten
Luftförderrichtung VD (6)

Axial fan for installation in short bell mouth
Motor suspension with on pressure side
integrated guard grille, terminal box
Air flow direction VD (6)

13,5 kg

Anschlußschaltbild 108XA
Connection diagram



Axialventilator

Axial fan

FE050-VD_.4I._

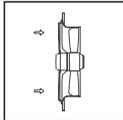
f = 50 Hz

Beschreibung

Description

Maßblatt

Dimension sheet



FE050-VDQ.4I.3

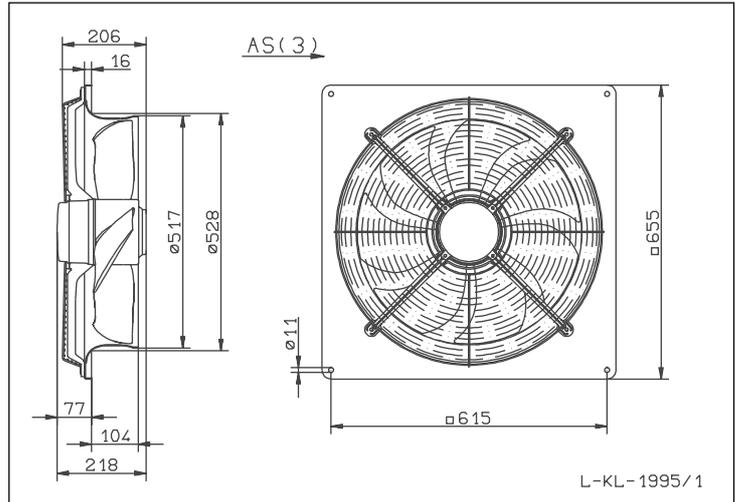
Artikel-Nr. / article no.
108 257

Axialventilator mit Wandringplatte
Motoraufhängung mit saugseitig integriertem
Berührungsschutz und integriertem Klemmenkasten
Luftförderichtung AS (3)

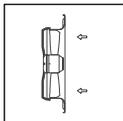
*Axial fan with wall plate
Motor suspension with on suction side integrated
guard grille and integrated terminal box
Air flow direction AS (3)*

19,2 kg

Anschlußschaltbild 108XB
Connection diagram



L-KL-1995/1



FE050-VDQ.4I.5

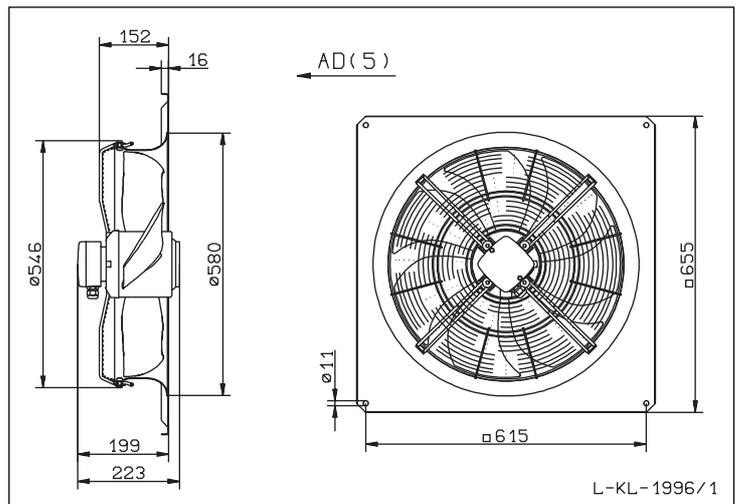
Artikel-Nr. / article no.
108 070

Axialventilator mit Wandringplatte
Motoraufhängung mit druckseitig integriertem
Berührungsschutz, Klemmenkasten
Luftförderichtung AD (5)

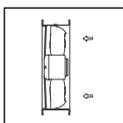
*Axial fan with wall plate
Motor suspension with on pressure side
integrated guard grille, terminal box
Air flow direction AD (5)*

17,3 kg

Anschlußschaltbild 108XA
Connection diagram



L-KL-1996/1



FE050-VDF.4I.6

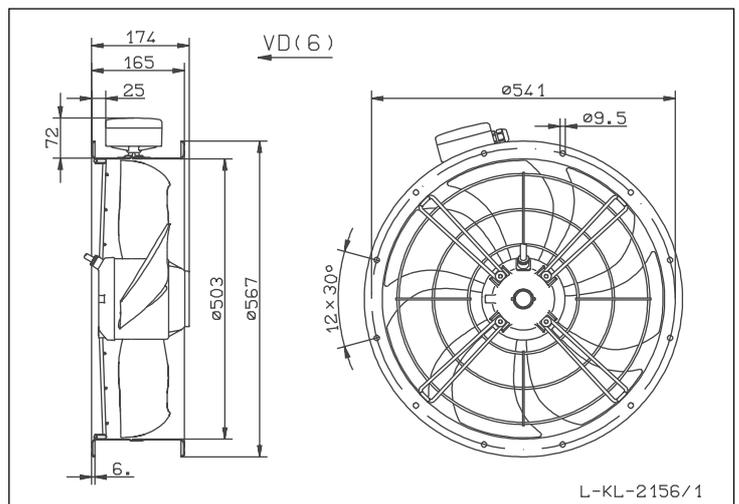
Artikel-Nr. / article no.
124 726

Axialventilator mit Flanschring
Motoraufhängung ohne Berührungsschutz
Klemmenkasten am Flanschring
Luftförderichtung VD (6)

*Axial fan with short case
Motor suspension without guard grille
Terminal box on the short case
Air flow direction VD (6)*

16,6 kg

Anschlußschaltbild 108XA
Connection diagram



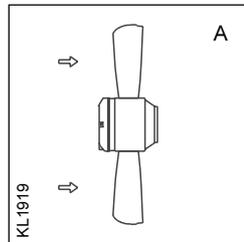
L-KL-2156/1

Axialventilator Axial fan

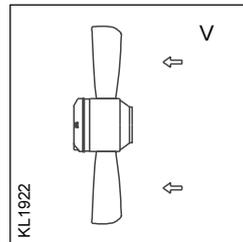
FE050-4E_.4I._

f = 50 Hz

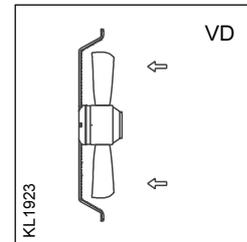
Bauformen Designs



FE050-4EA.4I.1
124 711



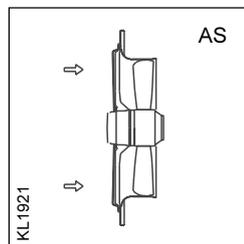
FE050-4EA.4I.2
108 307



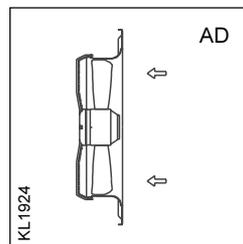
FE050-4EK.4I.6
108 121

Typ / type

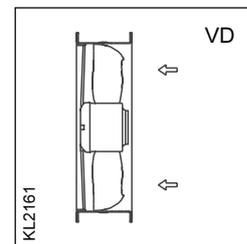
Artikel-Nr. / article no.



FE050-4EQ.4I.3
108 143M



FE050-4EQ.4I.5
111 425



FE050-4EF.4I.6
124 727

Typ / type

Artikel-Nr. / article no.

Leistungsdaten Performance data

FE050-4E_.4I._

1~ 230 V ± 10% 50 Hz

Motor 106-70-4

P_1 0,77 kW

I 3,4 A

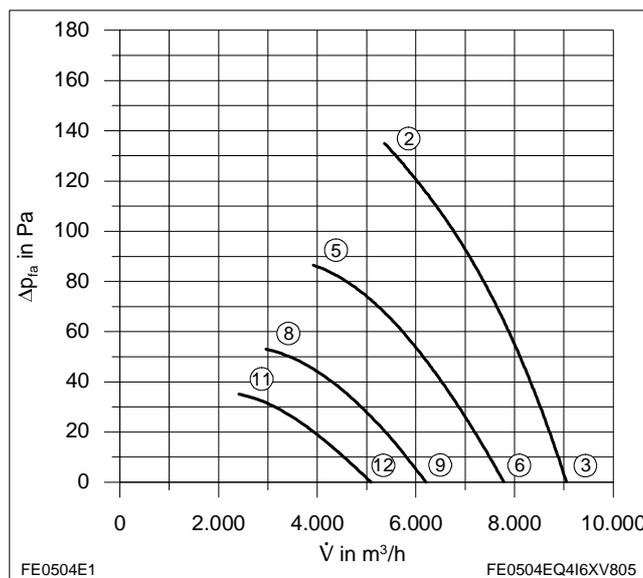
n 1210 min⁻¹

I_A 7,4 A

C_{400V} 16 μF

t_R 60 °C

P_{d2} 1,15 · 10⁻⁶ · \dot{V}^2



	U V	I A	P_1 W	n min ⁻¹	L_{WA} dB
②	230	3,4	770	1210	73
③	230	2,8	630	1300	75
⑤	160	3,4	520	930	67
⑥	160	2,9	460	1110	71
⑧	130	2,9	360	730	62
⑨	130	2,7	340	890	66
⑪	105	2,6	260	590	57
⑫	105	2,4	250	730	62

Ventilator Kennlinie gemessen mit Volldüse ohne Berührungsschutz in Einbauart A nach DIN 24163 Teil 2 (ISO 5801)
Fan characteristic curve based on full bell mouth without guard grille in installation type A according to
DIN 24163 Part 2 (ISO 5801)

Axialventilator

Axial fan

FE050-4E_.4I._

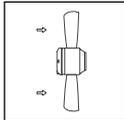
f = 50 Hz

Beschreibung

Description

Maßblatt

Dimension sheet



FE050-4EA.4I.1

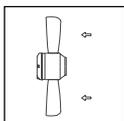
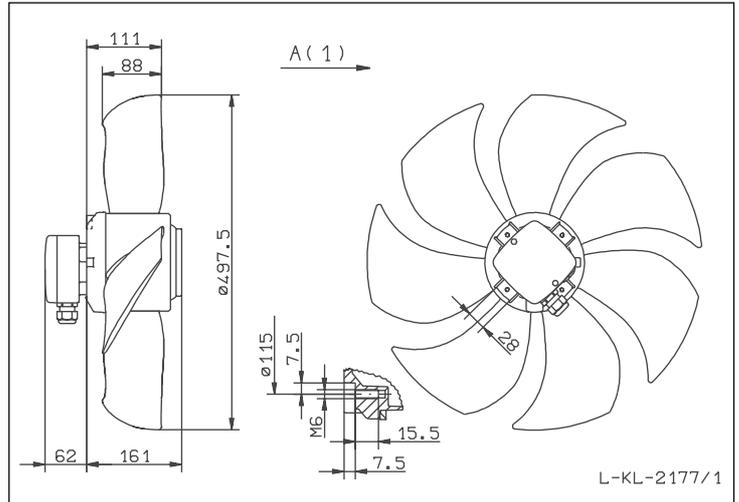
Artikel-Nr. / article no.
124 711

Axialventilator Bauform A
Klemmenkasten
Luftförderrichtung A (1)

Axial fan design A
Terminal box
Air flow direction A (1)

11,2 kg

Anschlußschaltbild 104XB
Connection diagram



FE050-4EA.4I.2

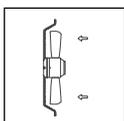
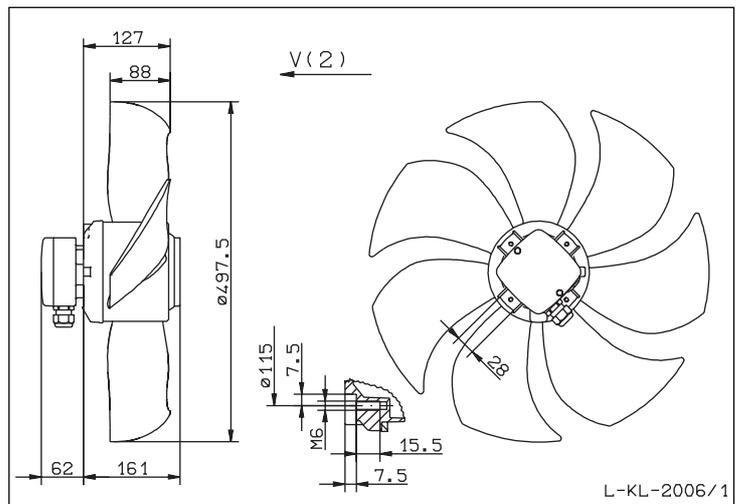
Artikel-Nr. / article no.
108 307

Axialventilator Bauform A
Klemmenkasten
Luftförderrichtung V (2)

Axial fan design A
Terminal box
Air flow direction V (2)

11,2 kg

Anschlußschaltbild 104XA
Connection diagram



FE050-4EK.4I.6

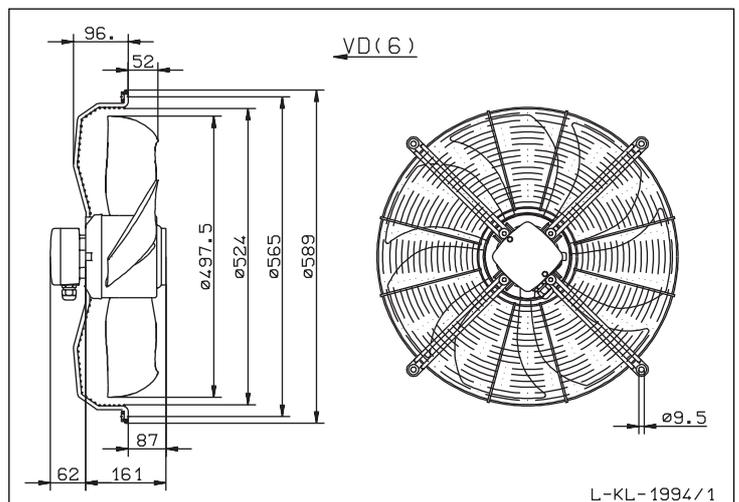
Artikel-Nr. / article no.
108 121

Axialventilator für Einbau in Kurzdüse
Motoraufhängung mit druckseitig integriertem
Berührungsschutz, Klemmenkasten
Luftförderrichtung VD (6)

Axial fan for installation in short bell mouth
Motor suspension with on pressure side
integrated guard grille, terminal box
Air flow direction VD (6)

13,5 kg

Anschlußschaltbild 104XA
Connection diagram



Axialventilator

Axial fan

FE050-4E_.4I._

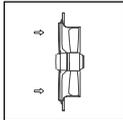
f = 50 Hz

Beschreibung

Description

Maßblatt

Dimension sheet



FE050-4EQ.4I.3

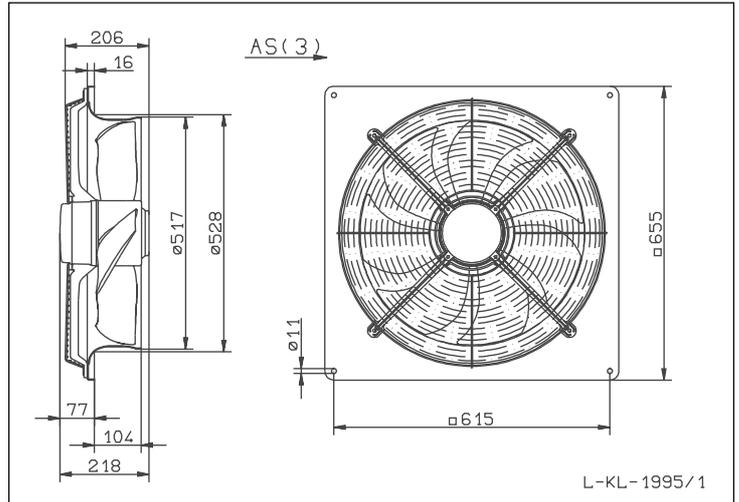
Artikel-Nr. / article no.
108 143M

Axialventilator mit Wandringplatte
Motoraufhängung mit saugseitig integriertem
Berührungsschutz und integriertem Klemmenkasten
Luftförderrichtung AS (3)

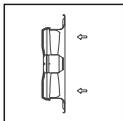
*Axial fan with wall plate
Motor suspension with on suction side integrated
guard grille and integrated terminal box
Air flow direction AS (3)*

19,2kg

Anschlußschaltbild 104XB
Connection diagram



L-KL-1995/1



FE050-4EQ.4I.5

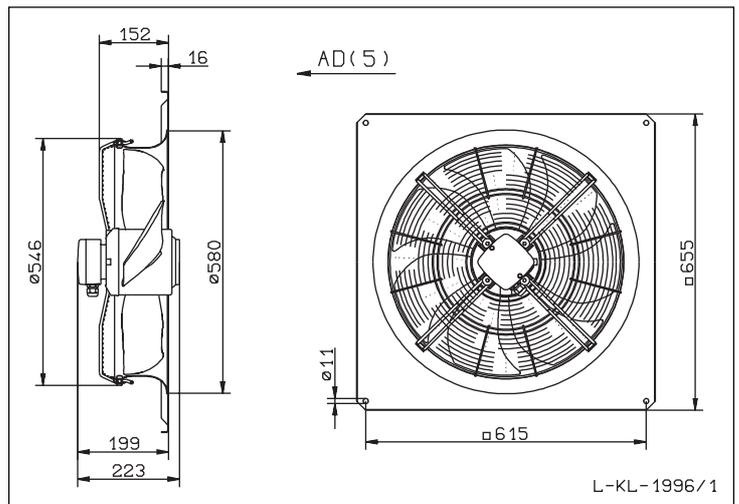
Artikel-Nr. / article no.
111 425

Axialventilator mit Wandringplatte
Motoraufhängung mit druckseitig integriertem
Berührungsschutz, Klemmenkasten
Luftförderrichtung AD (5)

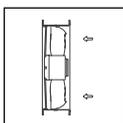
*Axial fan with wall plate
Motor suspension with on pressure side
integrated guard grille, terminal box
Air flow direction AD (5)*

17,3kg

Anschlußschaltbild 104XA
Connection diagram



L-KL-1996/1



FE050-4EF.4I.6

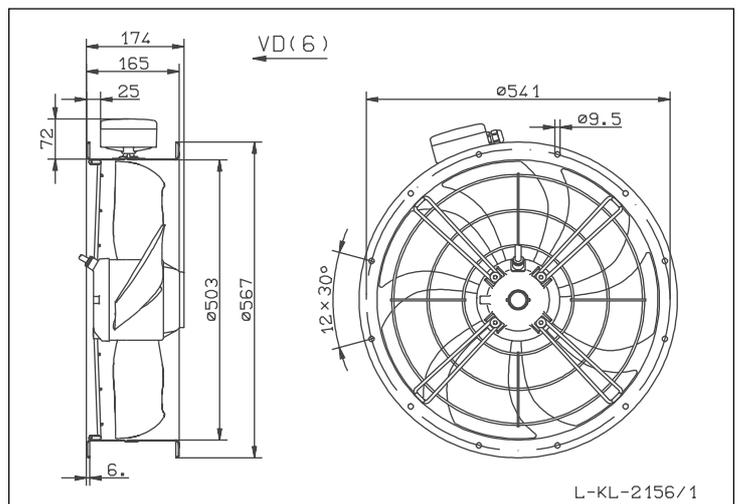
Artikel-Nr. / article no.
124 727

Axialventilator mit Flanschring
Motoraufhängung ohne Berührungsschutz
Klemmenkasten am Flanschring
Luftförderrichtung VD (6)

*Axial fan with short case
Motor suspension without guard grille
Terminal box on the short case
Air flow direction VD (6)*

16,6 kg

Anschlußschaltbild 104XA
Connection diagram



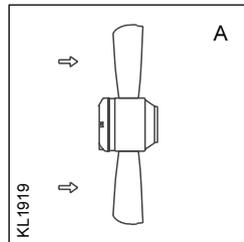
L-KL-2156/1

Axialventilator Axial fan

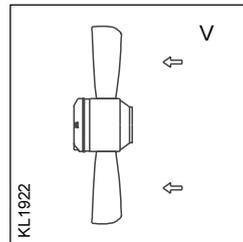
FE050-SD_.4F._

f = 50 Hz

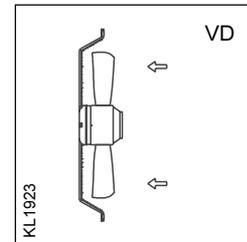
Bauformen Designs



FE050-SDA.4F.1
124 713



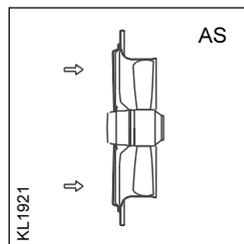
FE050-SDA.4F.2
107 737



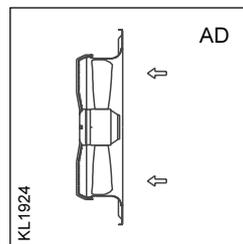
FE050-SDK.4F.6
107 362

Typ / type

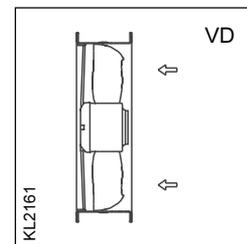
Artikel-Nr. / article no.



FE050-SDQ.4F.3
108 258



FE050-SDQ.4F.5
109 536



FE050-SDF.4F.6
109 930

Typ / type

Artikel-Nr. / article no.

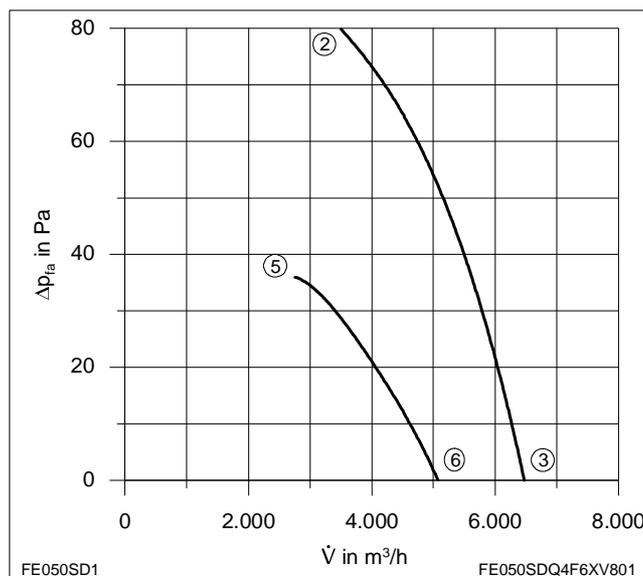
Leistungsdaten Performance data

FE050-SD_.4F._

3~ 400 V ± 10% Δ/Y 50 Hz

Motor	106-50-6-6	
P ₁	0,32/0,2	kW
I	0,74/0,41	A
n	900/640	min ⁻¹
I _A	1,65/0,95	A
C _{400V/Komp. *)}	2,5	μF
t _R	70	°C

P_{d2} 1,15 · 10⁻⁶ · V²



	U	I	P ₁	n	L _{WA}
	V	A	W	min ⁻¹	dB
②	400	0,74	320	900	68
③	Δ	0,64	240	940	67
⑤	400	0,41	200	640	62
⑥	Y	0,35	170	770	63

Ventilator Kennlinie gemessen mit Volldüse ohne Berührungsschutz in Einbauart A nach DIN 24163 Teil 2 (ISO 5801)
Fan characteristic curve based on full bell mouth without guard grille in installation type A according to
DIN 24163 Part 2 (ISO 5801)

*) Kompensationskondensator, siehe Allgemeine Hinweise / Geräuschfilter
Compensation capacitor, see Technical description / Noise filter

Axialventilator

Axial fan

FE050-SD_.4F._

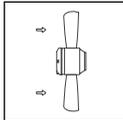
f = 50 Hz

Beschreibung

Description

Maßblatt

Dimension sheet



FE050-SDA.4F.1

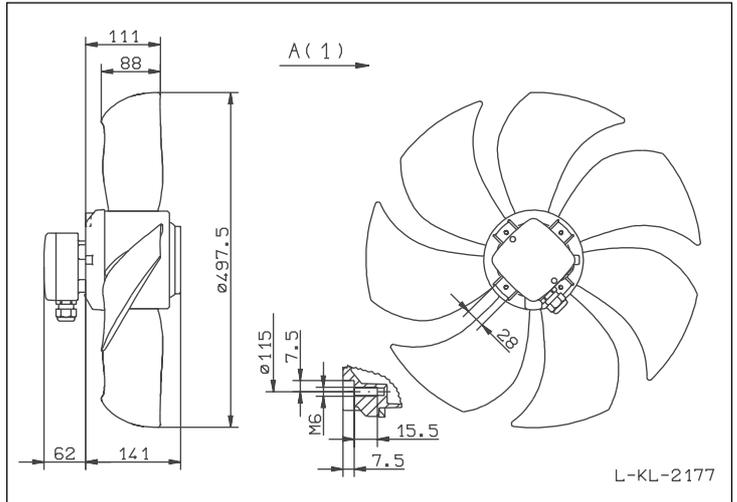
Artikel-Nr. / article no.
124 713

Axialventilator Bauform A
Klemmenkasten
Luftförderrichtung A (1)

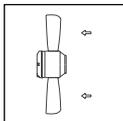
Axial fan design A
Terminal box
Air flow direction A (1)

9,0 kg

Anschlußschaltbild 108XB
Connection diagram



L-KL-2177



FE050-SDA.4F.2

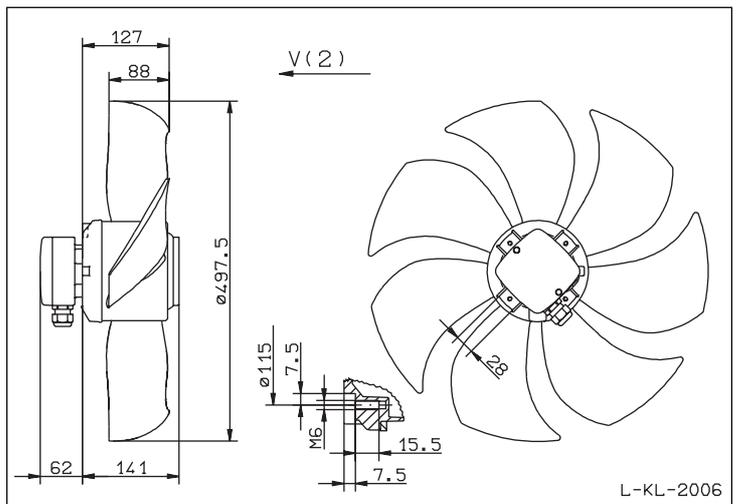
Artikel-Nr. / article no.
107 737

Axialventilator Bauform A
Klemmenkasten
Luftförderrichtung V (2)

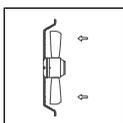
Axial fan design A
Terminal box
Air flow direction V (2)

9,0 kg

Anschlußschaltbild 108XA
Connection diagram



L-KL-2006



FE050-SDK.4F.6

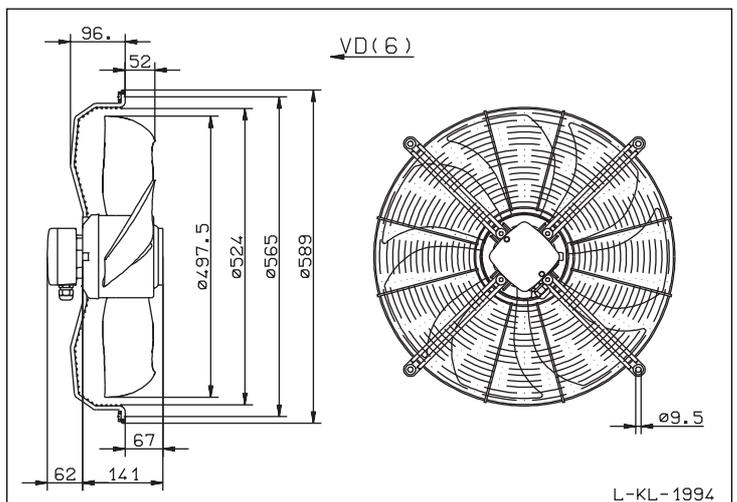
Artikel-Nr. / article no.
107 362

Axialventilator für Einbau in Kurzdüse
Motoraufhängung mit druckseitig integriertem
Berührungsschutz, Klemmenkasten
Luftförderrichtung VD (6)

Axial fan for installation in short bell mouth
Motor suspension with on pressure side
integrated guard grille, terminal box
Air flow direction VD (6)

11,5 kg

Anschlußschaltbild 108XA
Connection diagram



L-KL-1994

Axialventilator

Axial fan

FE050-SD_.4F._

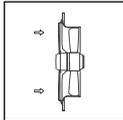
f = 50 Hz

Beschreibung

Description

Maßblatt

Dimension sheet



FE050-SDQ.4F.3

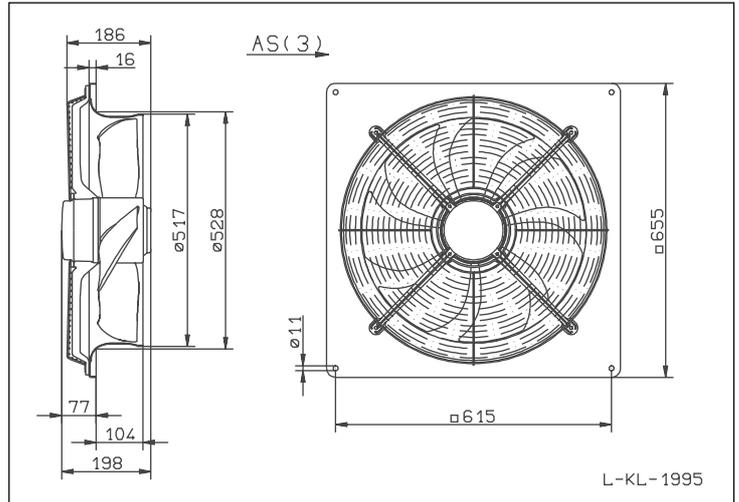
Artikel-Nr. / article no.
108 258

Axialventilator mit Wandringplatte
Motoraufhängung mit saugseitig integriertem
Berührungsschutz und integriertem Klemmenkasten
Luftförderrichtung AS (3)

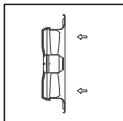
*Axial fan with wall plate
Motor suspension with on suction side integrated
guard grille and integrated terminal box
Air flow direction AS (3)*

17,0 kg

Anschlußschaltbild 108XB
Connection diagram



L-KL-1995



FE050-SDQ.4F.5

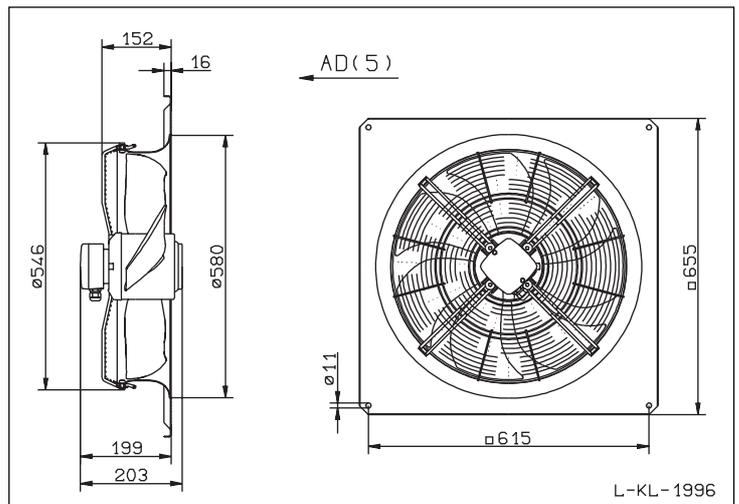
Artikel-Nr. / article no.
109 536

Axialventilator mit Wandringplatte
Motoraufhängung mit druckseitig integriertem
Berührungsschutz, Klemmenkasten
Luftförderrichtung AD (5)

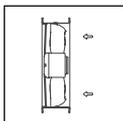
*Axial fan with wall plate
Motor suspension with on pressure side
integrated guard grille, terminal box
Air flow direction AD (5)*

15,3 kg

Anschlußschaltbild 108XA
Connection diagram



L-KL-1996



FE050-SDF.4F.6

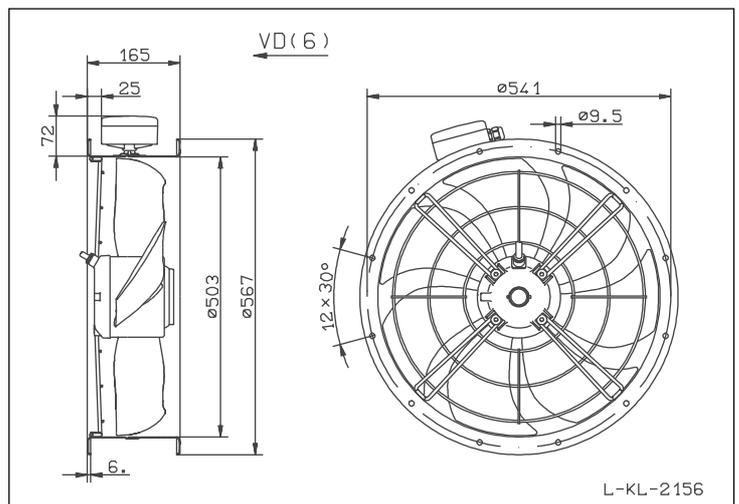
Artikel-Nr. / article no.
109 930

Axialventilator mit Flanschring
Motoraufhängung ohne Berührungsschutz
Klemmenkasten am Flanschring
Luftförderrichtung VD (6)

*Axial fan with short case
Motor suspension without guard grille
Terminal box on the short case
Air flow direction VD (6)*

14,4 kg

Anschlußschaltbild 108XA
Connection diagram



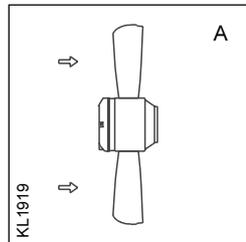
L-KL-2156

Axialventilator Axial fan

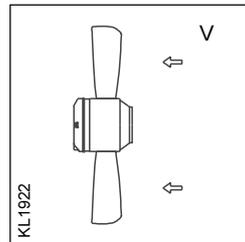
FE050-6E_.4F._

f = 50 Hz

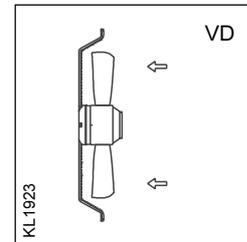
Bauformen Designs



FE050-6EA.4F.1
124 712

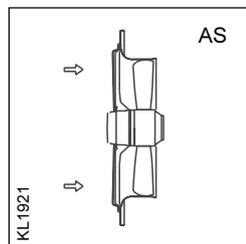


FE050-6EA.4F.2
123 707

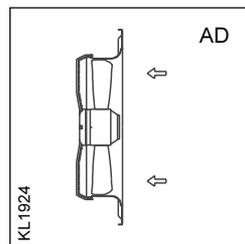


FE050-6EK.4F.6
109 535

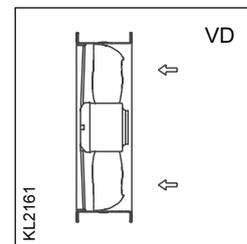
Typ / type
Artikel-Nr. / article no.



FE050-6EQ.4F.3
124 734



FE050-6EQ.4F.5
109 537



FE050-6EF.4F.6
124 728

Typ / type
Artikel-Nr. / article no.

Leistungsdaten Performance data

FE050-6E_.4F._

1~ 230 V ± 10% 50 Hz

Motor 106-50-6

P_1 0,29 kW

I 1,25 A

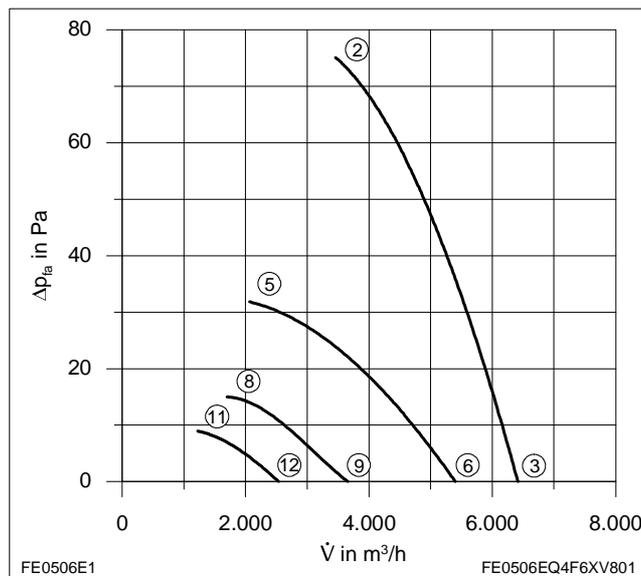
n 890 min⁻¹

I_A 2,4 A

C_{400V} 10 μF

t_R 60 °C

P_{d2} 1,15 · 10⁻⁶ · \dot{V}^2



	U V	I A	P ₁ W	n min ⁻¹	L _{WA} dB
②	230	1,25	290	890	67
③	230	1,05	240	930	68
⑤	160	1,3	195	590	60
⑥	160	1,1	170	780	65
⑧	130	1,1	130	410	57
⑨	130	1,05	130	540	61
⑪	105	0,89	84	300	
⑫	105	0,88	84	380	58

Ventilator Kennlinie gemessen mit Volldüse ohne Berührungsschutz in Einbauart A nach DIN 24163 Teil 2 (ISO 5801)
Fan characteristic curve based on full bell mouth without guard grille in installation type A according to
DIN 24163 Part 2 (ISO 5801)

Axialventilator

Axial fan

FE050-6E_.4F._

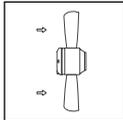
f = 50 Hz

Beschreibung

Description

Maßblatt

Dimension sheet



FE050-6EA.4F.1

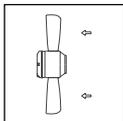
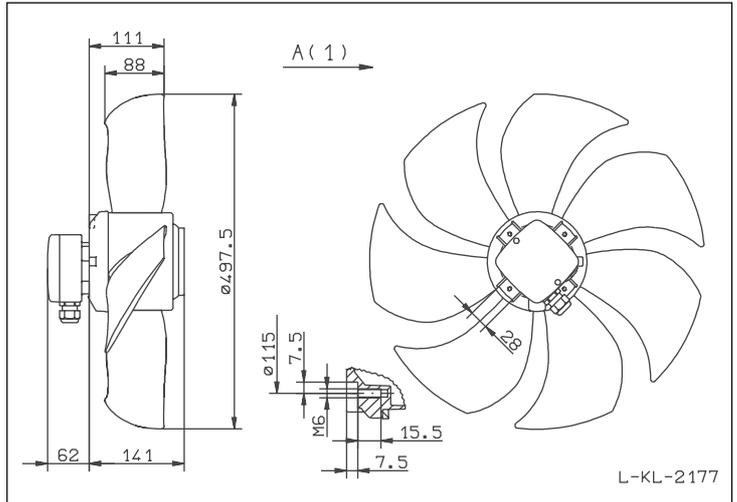
Artikel-Nr. / article no.
124 712

Axialventilator Bauform A
Klemmenkasten
Luftförderrichtung A (1)

Axial fan design A
Terminal box
Air flow direction A (1)

9,0 kg

Anschlußschaltbild 104XB
Connection diagram



FE050-6EA.4F.2

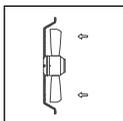
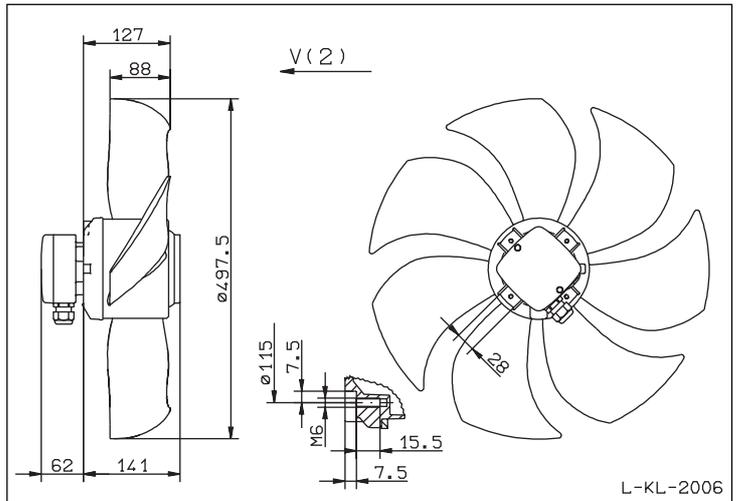
Artikel-Nr. / article no.
123 707

Axialventilator Bauform A
Klemmenkasten
Luftförderrichtung V (2)

Axial fan design A
Terminal box
Air flow direction V (2)

9,0 kg

Anschlußschaltbild 104XA
Connection diagram



FE050-6EK.4F.6

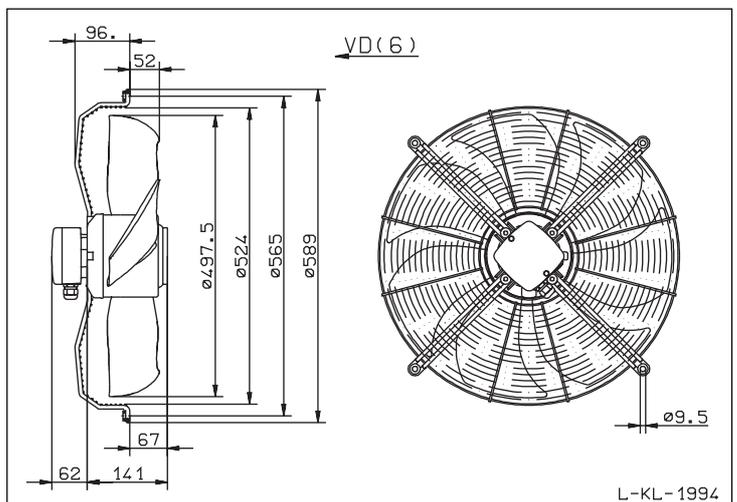
Artikel-Nr. / article no.
109 535

Axialventilator für Einbau in Kurzdüse
Motoraufhängung mit druckseitig integriertem
Berührungsschutz, Klemmenkasten
Luftförderrichtung VD (6)

Axial fan for installation in short bell mouth
Motor suspension with on pressure side
integrated guard grille, terminal box
Air flow direction VD (6)

11,5 kg

Anschlußschaltbild 104XA
Connection diagram



Axialventilator

Axial fan

FE050-6E_.4F._

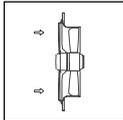
f = 50 Hz

Beschreibung

Description

Maßblatt

Dimension sheet



FE050-6EQ.4F.3

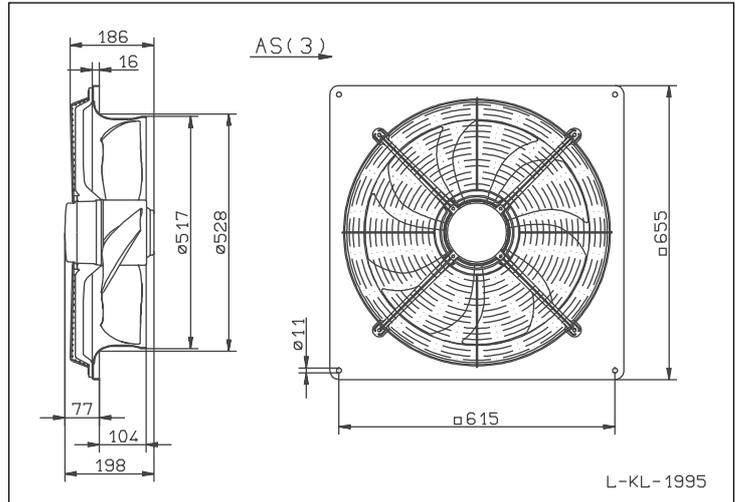
Artikel-Nr. / article no.
124 734

Axialventilator mit Wandringplatte
Motoraufhängung mit saugseitig integriertem
Berührungsschutz und integriertem Klemmenkasten
Luftförderrichtung AS (3)

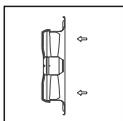
*Axial fan with wall plate
Motor suspension with on suction side integrated
guard grille and integrated terminal box
Air flow direction AS (3)*

17,0 kg

Anschlußschaltbild 104XB
Connection diagram



L-KL-1995



FE050-6EQ.4F.5

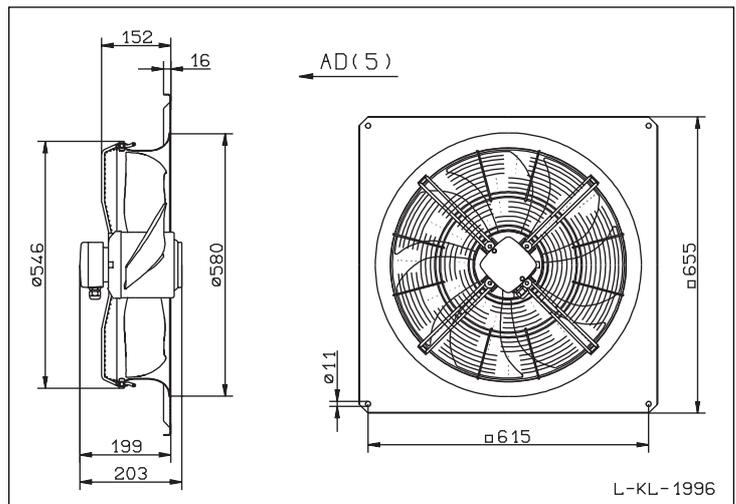
Artikel-Nr. / article no.
109 537

Axialventilator mit Wandringplatte
Motoraufhängung mit druckseitig integriertem
Berührungsschutz, Klemmenkasten
Luftförderrichtung AD (5)

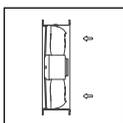
*Axial fan with wall plate
Motor suspension with on pressure side
integrated guard grille, terminal box
Air flow direction AD (5)*

15,3 kg

Anschlußschaltbild 104XA
Connection diagram



L-KL-1996



FE050-6EF.4F.6

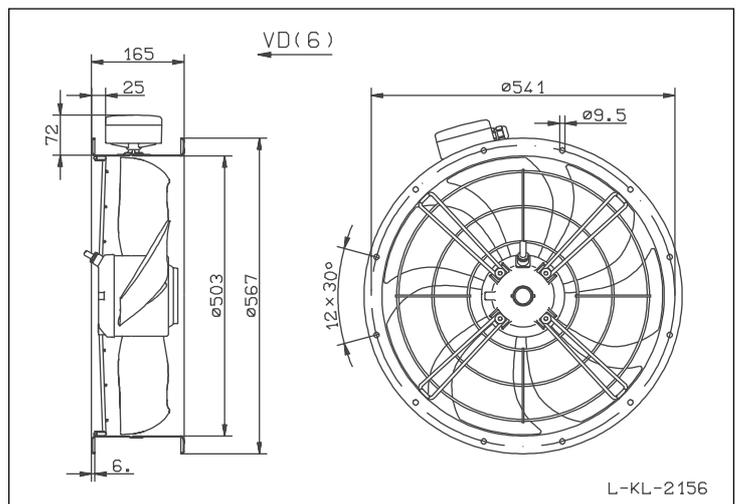
Artikel-Nr. / article no.
124 728

Axialventilator mit Flanschring
Motoraufhängung ohne Berührungsschutz
Klemmenkasten am Flanschring
Luftförderrichtung VD (6)

*Axial fan with short case
Motor suspension without guard grille
Terminal box on the short case
Air flow direction VD (6)*

14,4 kg

Anschlußschaltbild 104XA
Connection diagram



L-KL-2156