

FE2owlet

for single phase alternating current, 4 pole

FNO45-4E



Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.56 kW*
Rated current I_N : 2.50 A*
Rated speed n_N : 1320 min⁻¹*
Starting current I_A : 6.50 A
Current increase ΔI : 5 %
Service capacitor C_{400V} : 14.0 μ F
Thermal class: **THCL155***
Min. permitted conveyor temperature $t_{R(min)}$: -25 °C
Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
Electrical connection: Terminal box
Number of blades: 7
Protection class: IP54
Motor protection: Thermal contact
Blades: Aluminium, uncoated
Rotor: Aluminium, uncoated
Conformity: ErP 2013, CE

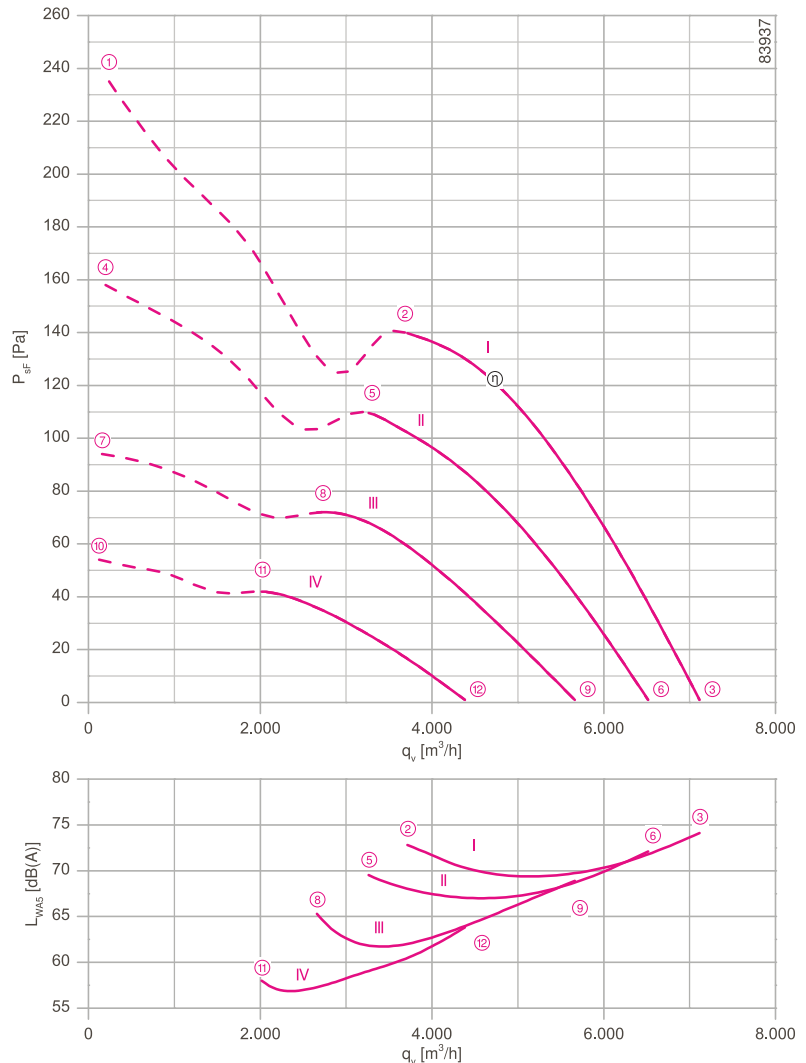
ErP Data

Efficiency η_{statA} : 30.1 %
Efficiency: $N_{actual} = 38.1 / N_{target} = 36$ **
* Rated data
**ErP 2013

➤ Connection diagrams Page 608
for airflow direction V 1360-104XA
for airflow direction A 1360-104XB

➤ System components Page 524

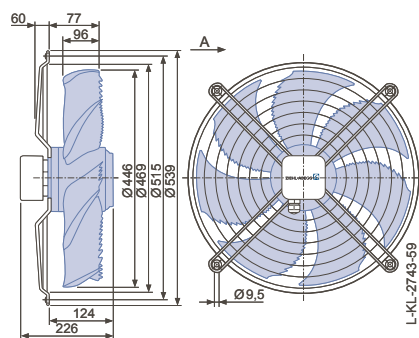
Characteristic curve



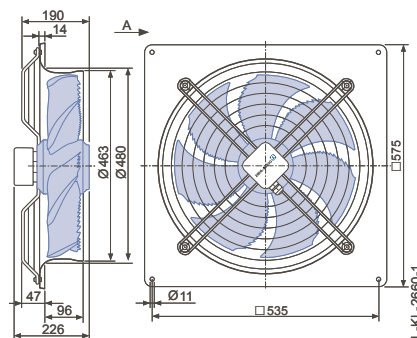
Dimensions [mm]

Airflow direction A

Design W - axial bolted, mounting for short bell mouth E

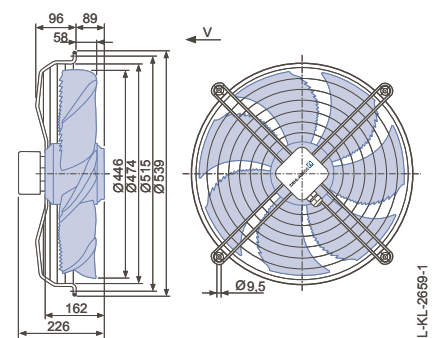


Design Q - square, full bell mouth



Airflow direction V

Design K - axial bolted, mounted for short bell mouth E



Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
		U [V]		I [A]	P _i [W]	n [min ⁻¹]	L _{WA5} [dB]
FN045-4E_4I_7P1	I	230	①	2.90	660	1260	
		230*	②	2.50*	560*	1320*	73
		230	③	2.20	480	1360	74
	II	170	④	3.00	500	1040	
		170	⑤	2.60	440	1170	70
		170	⑥	2.30	380	1250	72
	III	135	⑦	2.90	360	800	
		135	⑧	2.60	340	960	65
		135	⑨	2.40	310	1090	69
	IV	110	⑩	2.50	250	600	
		110	⑪	2.40	240	720	58
		110	⑫	2.20	230	850	64

*rated data

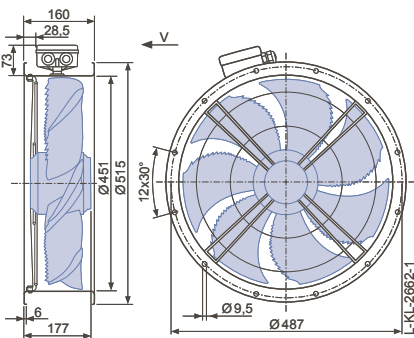
Fan ordering information

Airflow direction A ← Airflow direction V						
Design	W	Q	K	F (without contact protection)	F (with contact protection)	Q
						
Type	FN045-4EW.4I.A7P1	FN045-4EQ.4I.A7P1	FN045-4EK.4I.V7P1	FN045-4EF.4I.V7P1	FN045-4EF.4I.V7P1	FN045-4EQ.4I.V7P1
Article no.	155525	140107	140111	140119	140539	140115
Weight [kg]	12.60	16.20	12.60	15.70	16.10	16.00

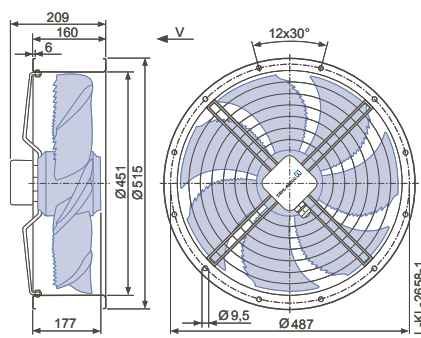
Control technology

 Frequency inverter Fcontrol 1~ Page 552	 Motor protection units 1~ Page 596	 Transformer-based controllers 1~ Page 587	 Electronic voltage controllers 1~ Page 562
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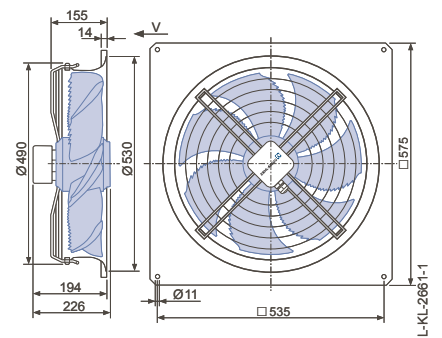
Design F - flange ring with two flanges without guard grille



Design F - flange ring with two flanges and guard grille



Design Q - square, full bell mouth



FE2owlet

for single phase alternating current, 4 pole

FN045-4E



Description

Motor technology: AC

Rated voltage U_N : 1~230 V $\pm$ 10 %*

Rated frequency f_N : **50 Hz***

Motor input power P_1 : 0.39 kW*

Rated current I_N : **1.75 A***

Rated speed n_N : **1290 min⁻¹***

Starting current I_A : 3.60 A

Current increase ΔI : 10 %

Service capacitor C_{400V} : $7.0 \mu F$

Thermal class: **THCL155***

Min. permitted conveyor temperature: 150°C

Max. permitted conveyor temperature $t_{R(max)}$: 55 °C

Electrical connection: Terminal box

Number of blades: 7

Protection class: IP44

Motor protection: Thermal contact

Blades: High Performance Composite Material, uncoated, black

Rotor: Aluminium, 1 coat paint, black

Conformity: ErP 2013, CE

ErP Data

Efficiency η_{total} : 27.3 %

Efficiency: $N_{\text{actual}} = 36.2 / N_{\text{target}} = 36^{**}$

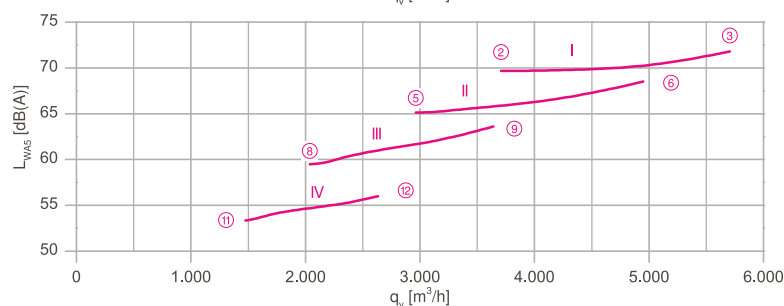
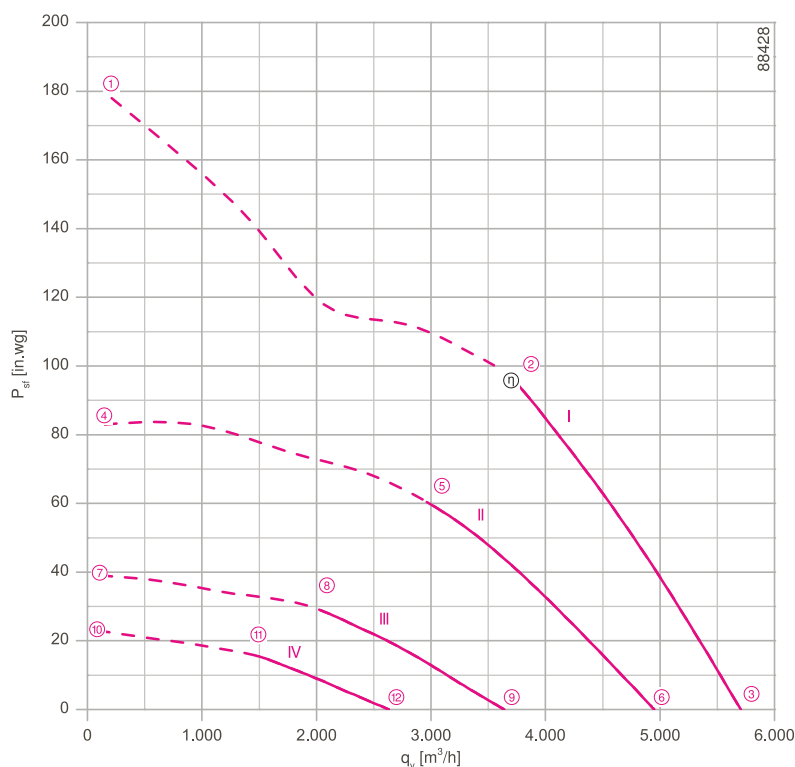
* Rated data

**ErP 2013

Connection diagrams

for airflow direction V	1360-104XA
for airflow direction A	1360-104XB

Characteristic curve

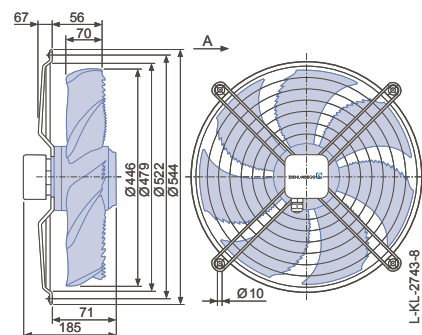


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

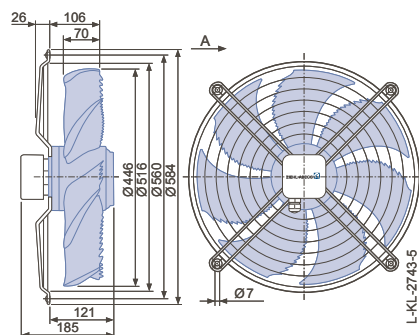
Dimensions [mm]

Airflow direction A

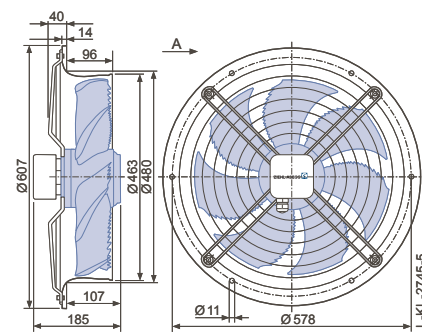
Design W - axial bolted, mounting for short bell mouth E



Design D - axial bolted, suspension for full bell mouth Q and L



Design L - round, full bell mouth



Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
		U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
FN045-4E_2F_7P2	I	230	①	2.10	480	1180	
		230*	②	1.75*	390*	1290*	70
		230	③	1.50	330	1340	72
	II	170	④	2.20	360	810	
		170	⑤	1.90	320	1030	65
		170	⑥	1.60	270	1170	69
	III	135	⑦	1.85	240	560	
		135	⑧	1.75	230	710	60
		135	⑨	1.65	220	870	64
	IV	110	⑩	1.55	160	430	
		110	⑪	1.55	160	530	53
		110	⑫	1.50	160	630	56

*rated data

Fan ordering information

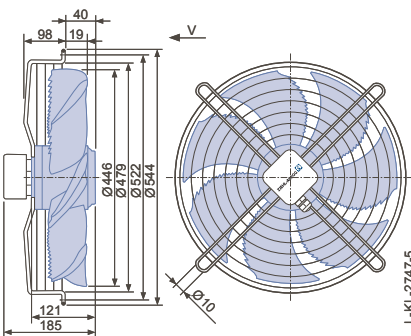
Airflow direction A				Airflow direction V		
Design	W	D	L	K	H	I
						
Type	FN045-4EW.2F.A7P2	FN045-4ED.2F.A7P2	FN045-4EL.2F.A7P2	FN045-4EK.2F.V7P2	FN045-4EH.2F.V7P2	FN045-4EI.2F.V7P2
Article no.	141711	141709	141710	141715	141714	141713
Weight [kg]	6.30	6.10	9.50	6.60	9.50	6.10

Control technology

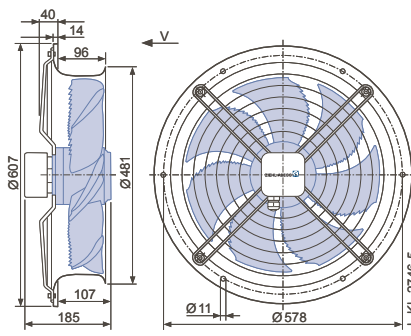
Frequency inverter Fcontrol 1~  Page 552	Motor protection units 1~  Page 596	Transformer-based controllers 1~  Page 587	Electronic voltage controllers 1~  Page 562
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Airflow direction V

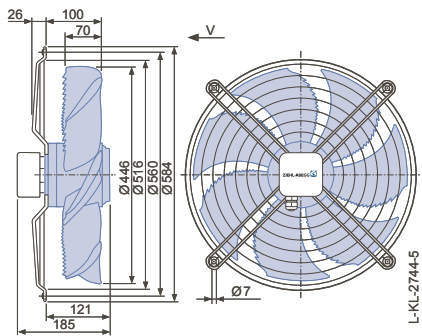
Design K - axial bolted, mounted for short bell mouth E



Design H - pipe sockets with a flange



Design I - axial bolted, mounting for bell mouth flange for pipe socket H or full bell mouth Q or L



FE2owlet

for single phase alternating current, 6 pole

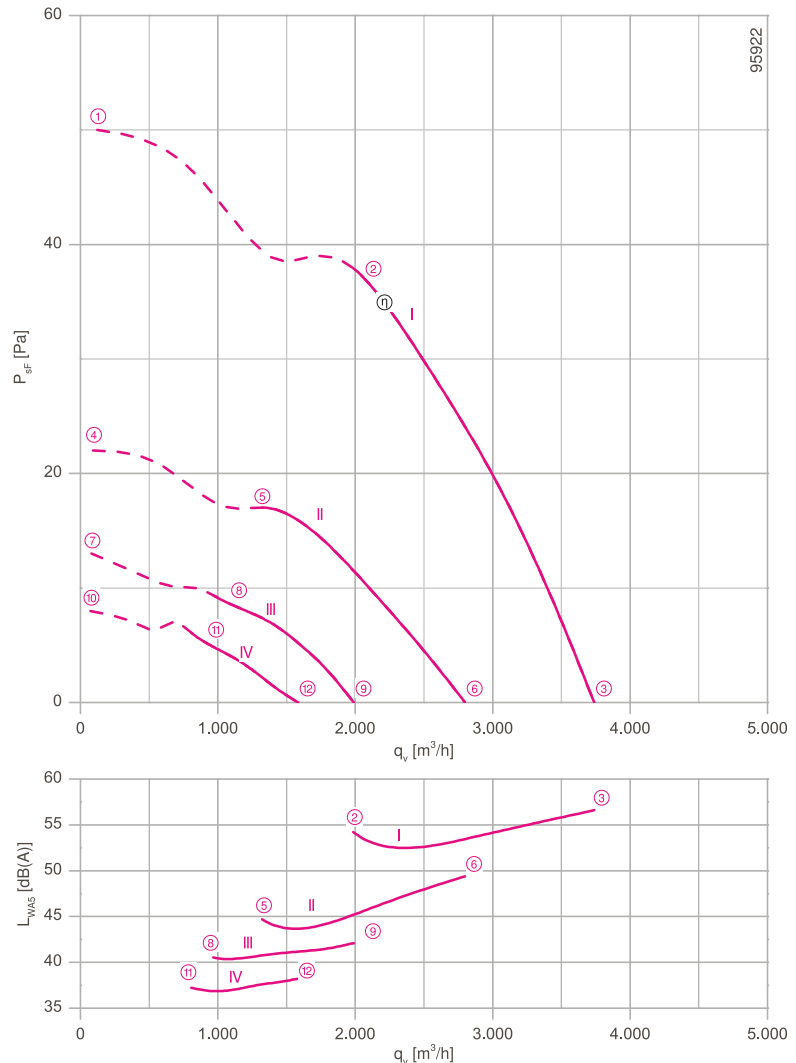
FNO45-6E



Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.12 kW*
Rated current I_N : 0.50 A*
Rated speed n_N : 700 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 3.0 μ F
Thermal class: THCL155*
Min. permitted conveyor temperature $t_{R(min)}$: -25 °C
Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
Electrical connection: Terminal box
Number of blades: 7
Protection class: IP44
Motor protection: Thermal contact
Blades: High Performance Composite Material, uncoated, black
Rotor: Aluminium, 1 coat paint, black
Conformity: CE
ErP Data
Is not subject to the ErP Guidelines ($P_1 < 125$ W)
* Rated data

Characteristic curve



Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

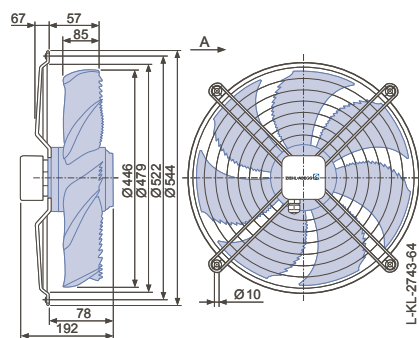
➤ Connection diagrams Page 608
for airflow direction V 1360-104XA
for airflow direction A 1360-104XB

➤ System components Page 524

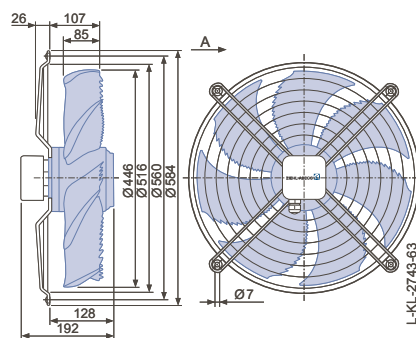
Dimensions [mm]

Airflow direction A

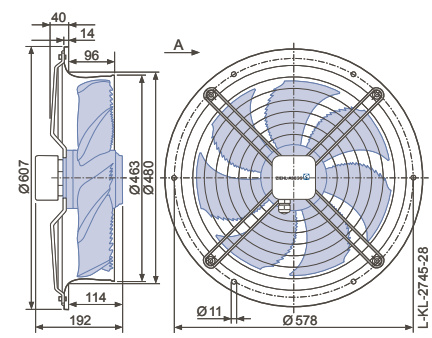
Design W - axial bolted, mounting for short bell mouth E



Design D - axial bolted, suspension for full bell mouth Q and L



Design L - round, full bell mouth



Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
		U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
FN045-6E_.2F_.7P3	I	230	①	0.56	130	570	
		230*	②	0.50*	120*	700*	54
		230	③	0.46	100	790	57
	II	170	④	0.44	75	380	
		170	⑤	0.42	75	480	45
		170	⑥	0.40	70	590	49
	III	135	⑦	0.35	48	280	
		135	⑧	0.35	46	350	40
		135	⑨	0.34	46	430	42
	IV	110	⑩	0.29	32	220	
		110	⑪	0.29	32	270	37
		110	⑫	0.29	32	330	38

*rated data

Fan ordering information

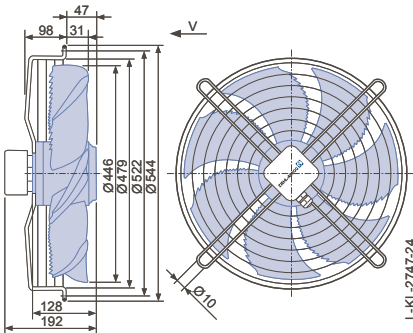
Airflow direction A				Airflow direction V		
Design	W	D	L	K	Q	S
						
Type	FN045-6EW.2F.A7P3	FN045-6ED.2F.A7P3	FN045-6EL.2F.A7P3	FN045-6EK.2F.V7P3	FN045-6EQ.2F.V7P3	FN045-6EH.2F.V7P3
Article no.	160038	160036	160037	160042	160043	160041
Weight [kg]	6.30	6.10	9.50	6.50	10.30	9.50

Control technology

Frequency inverter Fcontrol 1~  Page 552	Motor protection units 1~  Page 596	Transformer-based controllers 1~  Page 587	Electronic voltage controllers 1~  Page 562
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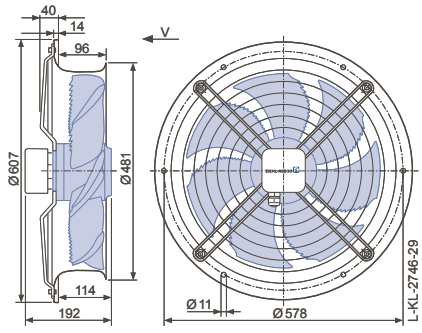
Airflow direction V

Design K - axial bolted, mounted for short bell mouth E



Design Q - square, full bell mouth

Design S - radially bolted, mounting for full bell mouth Q and L



FE2owlet

for single phase alternating current, 6 pole

FNO45-6E



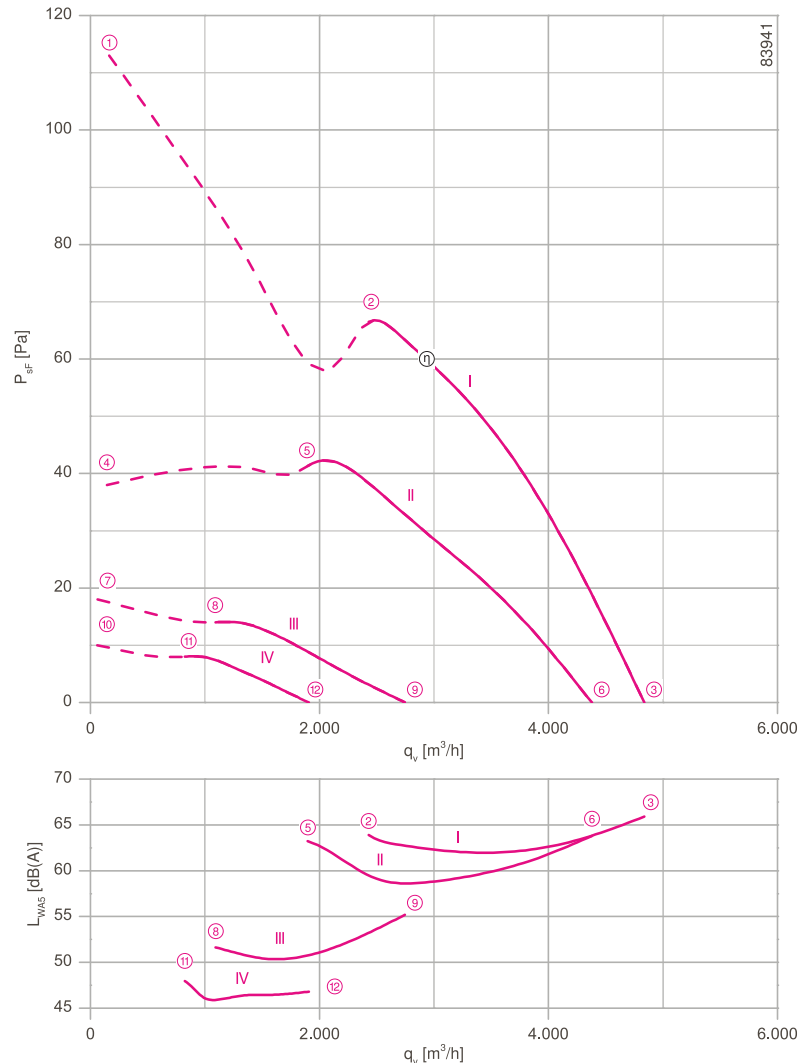
Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.19 kW*
Rated current I_N : 0.90 A*
Rated speed n_N : 910 min⁻¹*
Starting current I_A : 2.00 A
Current increase ΔI : 20 %
Service capacitor C_{400V} : 6.0 μ F
Thermal class: **THCL155***
Min. permitted conveyor temperature $t_{R(min)}$: -25 °C
Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
Electrical connection: Terminal box
Number of blades: 7
Protection class: IP54
Motor protection: Thermal contact
Blades: Aluminium, uncoated
Rotor: Aluminium, uncoated
Conformity: ErP 2015, CE
ErP Data
Efficiency η_{statA} : 27.5 %
Efficiency: $N_{actual} = 40.3 / N_{target} = 40$ **
Frequency inverter required
* Rated data
**ErP 2015

➤ Connection diagrams Page 608
for airflow direction V 1360-104XA
for airflow direction A 1360-104XB

➤ System components Page 524

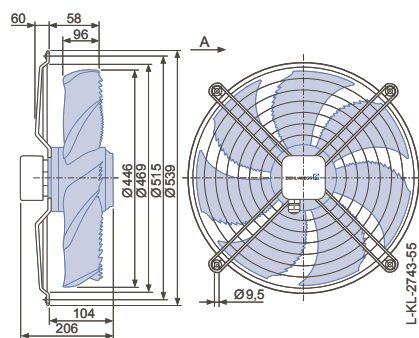
Characteristic curve



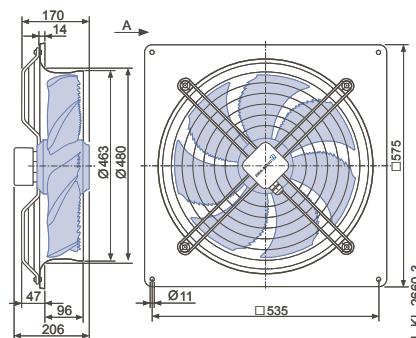
Dimensions [mm]

Airflow direction A

Design W - axial bolted, mounting for short bell mouth E

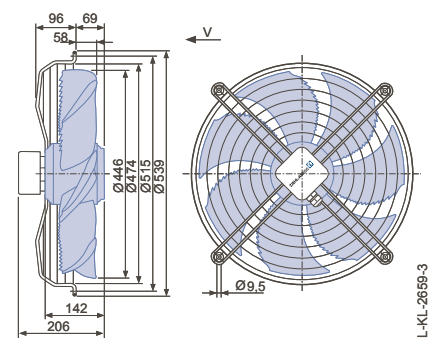


Design Q - square, full bell mouth



Airflow direction V

Design K - axial bolted, mounted for short bell mouth E



Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
		U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
FN045-6E_4F_7P1	I	230	①	1.10	230	860	
		230*	②	0.90*	190*	910*	64
		230	③	0.78	160	930	66
	II	170	④	1.20	170	510	
		170	⑤	0.92	140	810	63
		170	⑥	0.84	130	840	64
	III	135	⑦	0.98	100	340	
		135	⑧	0.96	100	470	52
		135	⑨	0.94	100	530	55
	IV	110	⑩	0.80	70	260	
		110	⑪	0.78	70	340	48
		110	⑫	0.78	70	370	47

*rated data

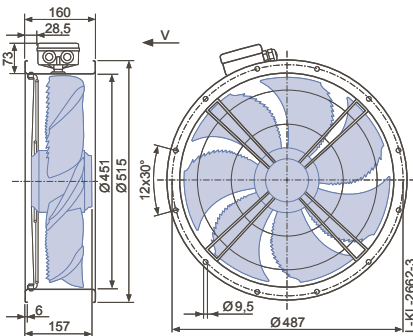
Fan ordering information

Airflow direction A → ← Airflow direction V						
Design	W	Q	K	F (without contact protection)	F (with contact protection)	Q
						
Type	FN045-6EW.4F.A7P1	FN045-6EQ.4F.A7P1	FN045-6EK.4F.V7P1	FN045-6EF.4F.V7P1	FN045-6EF.4F.V7P1	FN045-6EQ.4F.V7P1
Article no.	155291	140109	140113	140537	140541	140117
Weight [kg]	11.00	14.60	11.00	14.20	14.50	14.40

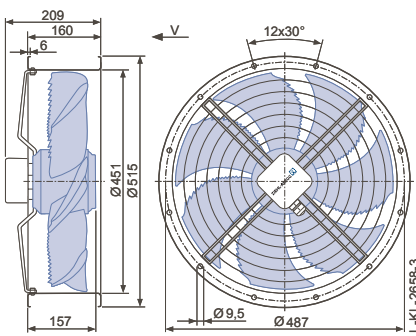
Control technology

 Frequency inverter Fcontrol 1~ Page 552	 Motor protection units 1~ Page 596	 Transformer-based controllers 1~ Page 587	 Electronic voltage controllers 1~ Page 562
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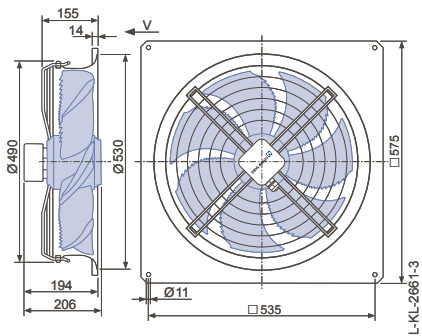
Design F - flange ring with two flanges without guard grille



Design F - flange ring with two flanges and guard grille



Design Q - square, full bell mouth



FE2owlet

for three phase alternating current, 4-4 pole

FNO45-VD



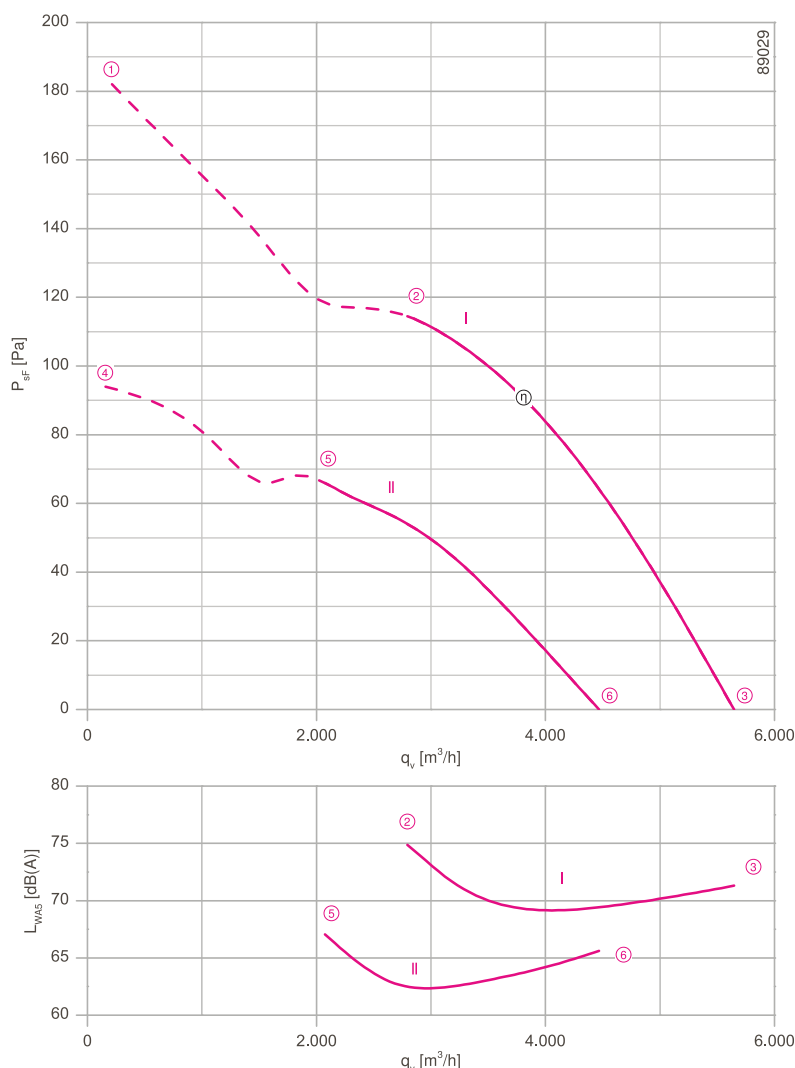
Description

Motor technology: AC
Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.35/0.22 kW*
Rated current I_N : 0.64/0.35 A*
Rated speed n_N : 1280/ 970 min⁻¹*
Starting current I_A : 1.90 A / 0.65 A
Current increase ΔI : 0 %
Thermal class: THCL155*
Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
Electrical connection: Terminal box
Number of blades: 7
Protection class: IP44
Motor protection: Thermal contact
Blades: High Performance Composite Material, uncoated, black
Rotor: Aluminium, 1 coat paint, black
Conformity: ErP 2015, CE
ErP Data
Efficiency η_{statA} : 29.0 %
Efficiency: $N_{actual} = 40.1 / N_{target} = 40$ **
Frequency inverter required
* Rated data
**ErP 2015

➤ Connection diagrams Page 608
for airflow direction V 1360-108XA
for airflow direction A 1360-108XB

➤ System components Page 524

Characteristic curve

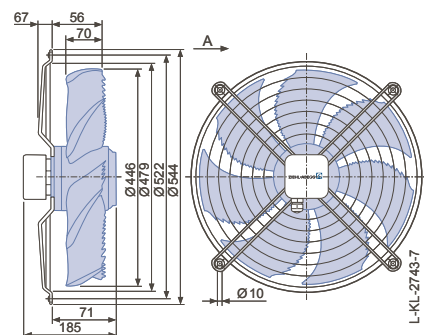


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

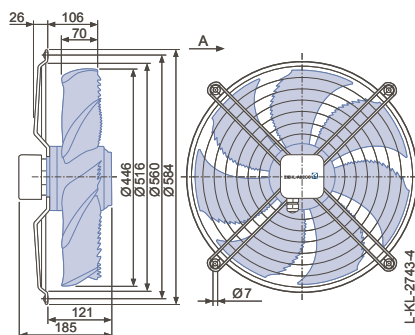
Dimensions [mm]

Airflow direction A

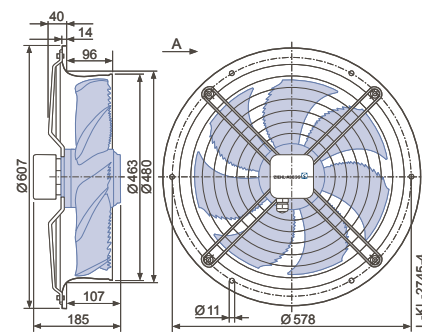
Design W - axial bolted, mounting for short bell mouth E



Design D - axial bolted, suspension for full bell mouth Q and L



Design L - round, full bell mouth



Performance data

Type	Connection	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
			U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
FN045-VD_2F_7P2	Δ	I	400	①	0.74	440	1220	
			400*	②	0.64*	350*	1280*	75
			400	③	0.58	290	1330	71
	Y	II	400	④	0.40	250	870	
			400*	⑤	0.35*	220*	970*	67
			400	⑥	0.31	200	1060	66

*rated data

Fan ordering information

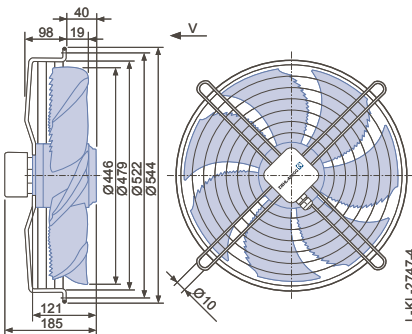
Airflow direction A				Airflow direction V		
Design	W	D	L	K	H	I
						
Type	FN045-VDW.2F.A7P2	FN045-VDD.2F.A7P2	FN045-VDL.2F.A7P2	FN045-VDK.2F.V7P2	FN045-VDH.2F.V7P2	FN045-VDI.2F.V7P2
Article no.	152820	152818	152819	152824	152823	152822
Weight [kg]	6.30	6.10	9.50	6.60	9.50	6.10

Control technology

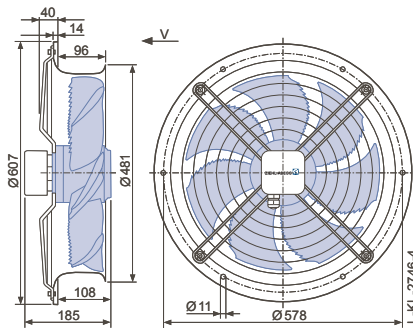
Frequency inverter Fcontrol 3~  ➤ Page 558	Motor protection units 3~  ➤ Page 596	Transformer-based controllers 3~  ➤ Page 591	Electronic voltage controllers 3~  ➤ Page 578
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Airflow direction V

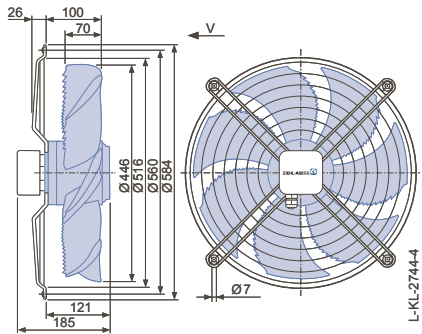
Design K - axial bolted, mounted for short bell mouth E



Design H - pipe sockets with a flange



Design I - axial bolted, mounting for bell mouth flange for pipe socket H or full bell mouth Q or L



FE2owlet

for three phase alternating current, 4-4 pole

FN045-VD



Description

Motor technology: AC

Rated voltage U_N : 3~400 V (Δ/Y) $\pm 10\%$ *

Rated frequency f_N : **50 Hz*** (60Hz data available)

Motor input power P_1 : 0.54/0.36 kW*

Rated current I_N : 1.10/0.66 A*

Rated speed n_N : 1350/1020 min⁻¹*

Starting current I_A : 4.00 A / 1.20 A

Current increase ΔI : 10 %

Thermal class: **THCL155***

Min. permitted conveyor te

Max. permitted conveyor temperature $t_{R(max)}$: 70 °C

Electrical connection: Terminal box

Number of blades: 7

Protection class: IP54

Motor protection: Thermal contact

Blades: Aluminium, uncoated

Rotor: Aluminium, uncoated

Conformity: ErP 2015, CE

ErP Data

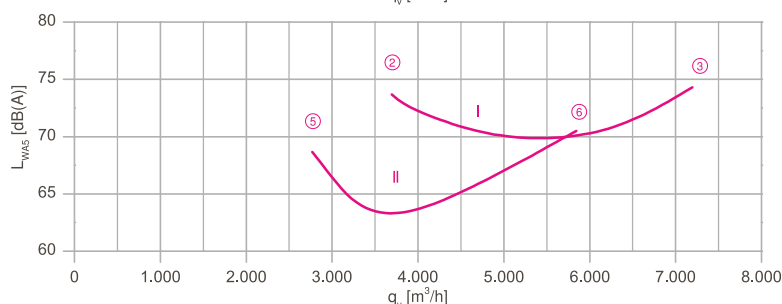
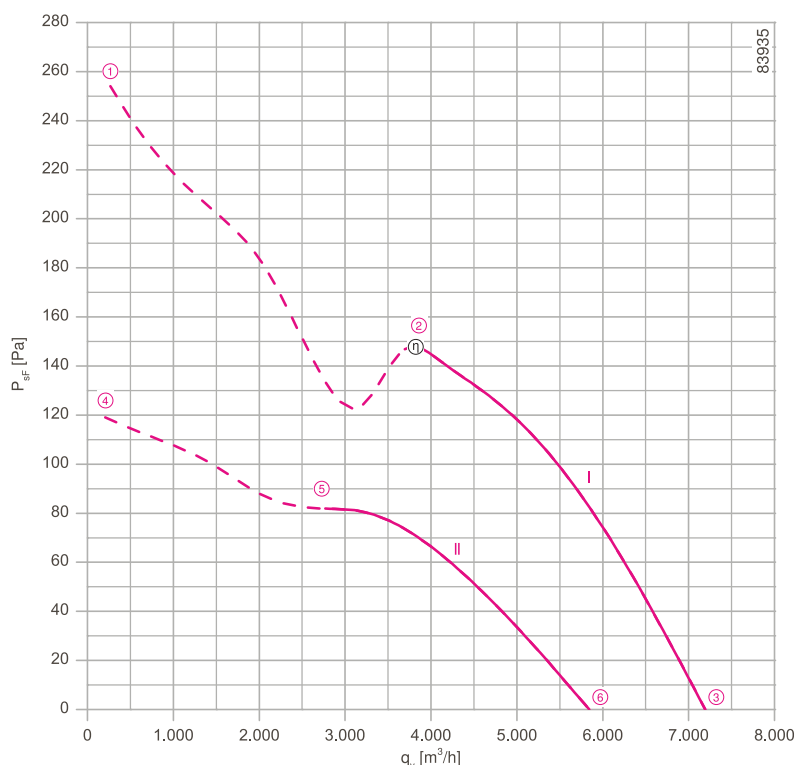
Efficiency η_{total} : 34.0 %

Efficiency: $N_{\text{actual}} = 42.0 / N_{\text{target}} = 40^{**}$

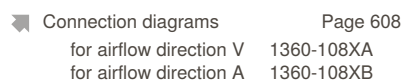
* Rated data

**ErP 2015

Characteristic curve



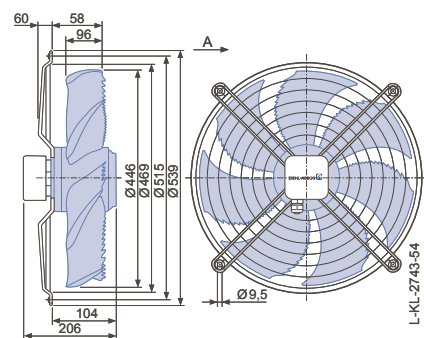
Measured in full bell mouth without guard grille in installation type A according to ISO 5801.



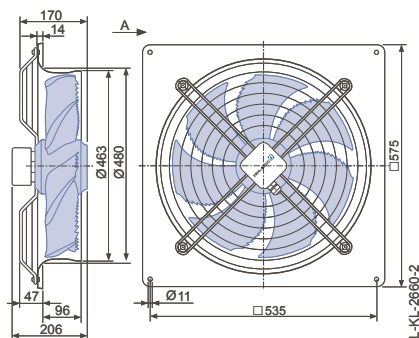
Dimensions [mm]

Airflow direction A

Design W - axial bolted, mounting for short bell mouth E

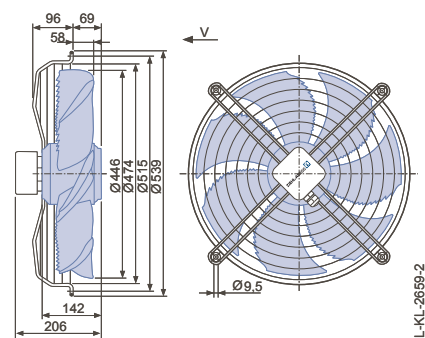


Design Q - square, full bell mouth



Airflow direction V

Design K - axial bolted, mounted for short bell mouth E

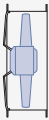
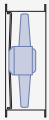
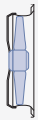


Performance data

Type	Connection	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
			U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
FN045-VD_4F_7P1	Δ	I	400	①	1.30	680	1300	
			400*	②	1.10*	540*	1350*	74
			400	③	0.96	440	1390	74
	Y	II	400	④	0.76	420	900	
			400*	⑤	0.66*	360*	1050*	69
			400	⑥	0.60	330	1130	71

*rated data

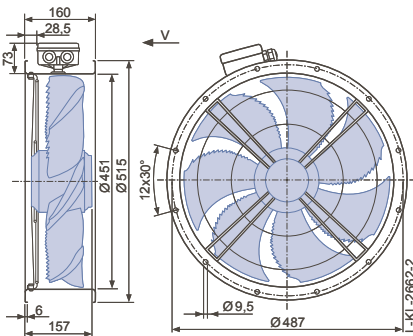
Fan ordering information

Airflow direction A → ← Airflow direction V						
Design	W	Q	K	F (without contact protection)	F (with contact protection)	Q
						
Type	FN045-VDW.4F.A7P1	FN045-VDQ.4F.A7P1	FN045-VDK.4F.V7P1	FN045-VDF.4F.V7P1	FN045-VDF.4F.V7P1	FN045-VDQ.4F.V7P1
Article no.	153504	140106	140110	140118	140538	140114
Weight [kg]	11.00	14.60	11.00	14.20	14.50	14.40

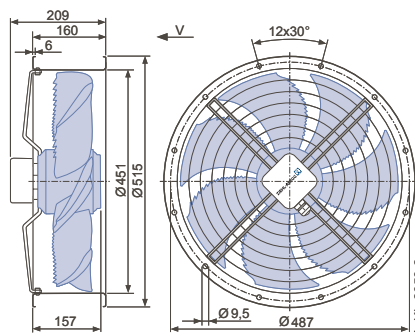
Control technology

Frequency inverter Fcontrol 3~  ➤ Page 558	Motor protection units 3~  ➤ Page 596	Transformer-based controllers 3~  ➤ Page 591	Electronic voltage controllers 3~  ➤ Page 578
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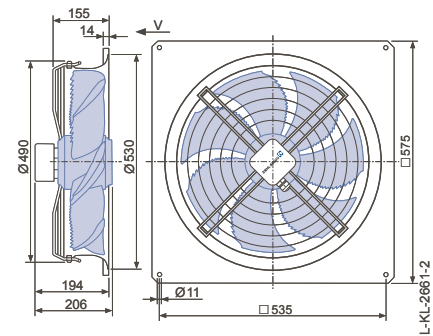
Design F - flange ring with two flanges without guard grille



Design F - flange ring with two flanges and guard grille



Design Q - square, full bell mouth



FE2owlet

for three phase alternating current, 6-6 pole

FN045-SD



Description

Motor technology: AC

Rated voltage U_N : 3~400 V (Δ/Y) $\pm 10\%$ *

Rated frequency f_N : **50 Hz*** (60Hz data available)

Motor input power P_1 : 0.17/0.10 kW*

Rated current I_N : 0.39/0.19 A*

Rated speed n_N : 860/ 640 min⁻¹*

Starting current I_A : 0.90 A / 0.30 A

Current increase ΔI : 0 %

Thermal class: **THCL155***

Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
Max. permitted conveyor temperature $t_{R(max)}$: 70 °C

Electrical connection: Terminal box

Number of blades: 7

Protection class: IP44

Motor protection: Thermal contact

Blades: High Performance Composite Material, uncoated, black

Rotor: Aluminium, 1 coat paint, black

Conformity: ErP 2013, CE

ErP Data

Efficiency η_{statA} : 24.9 %

Efficiency: $N_{\text{actual}} = 36.0 / N_{\text{target}} = 36^{**}$

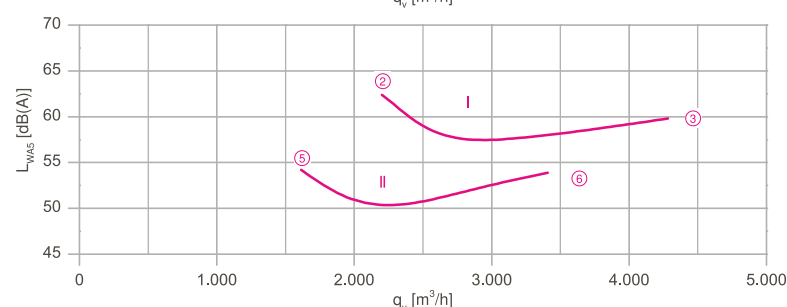
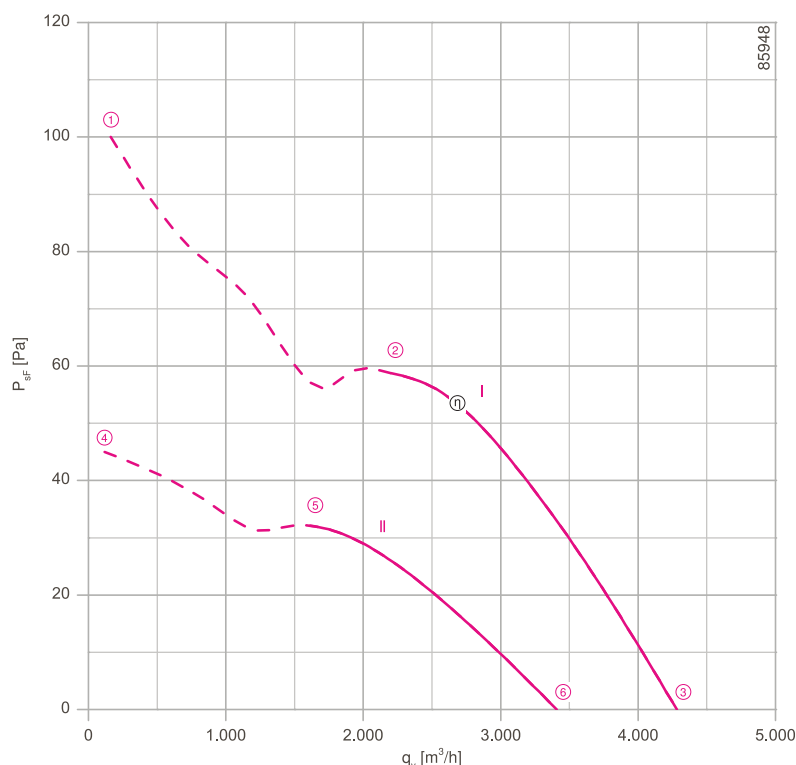
* Rated data

**ErP 2013

 Connection diagrams Page 608
 for airflow direction V 1360-108XA
 for airflow direction A 1360-108XB

System components Page 524

Characteristic curve

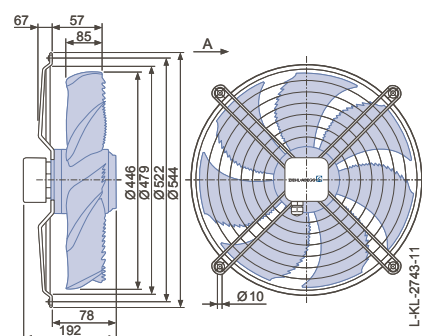


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

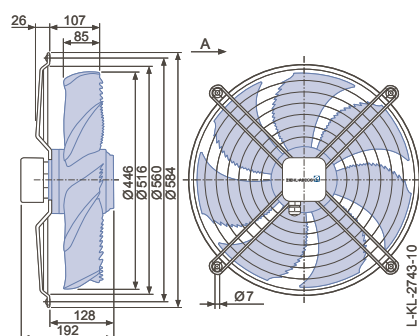
Dimensions [mm]

Airflow direction A

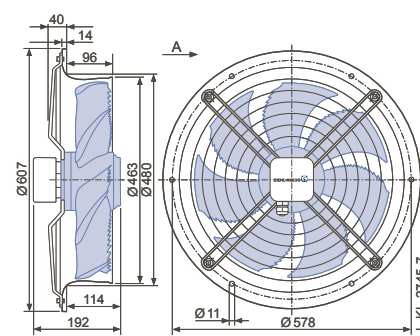
Design W - axial bolted, mounting for short bell mouth E



Design D - axial bolted, suspension for full bell mouth Q and L



Design L - round, full bell mouth

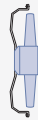


Performance data

Type	Connection	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
			U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
FN045-SD_2C_7P3	Δ	I	400	①	0.44	210	810	
			400*	②	0.39*	170*	860*	63
			400	③	0.37	140	900	60
	Y	II	400	④	0.20	110	540	
			400*	⑤	0.19*	100*	640*	54
			400	⑥	0.16	85	720	54

*rated data

Fan ordering information

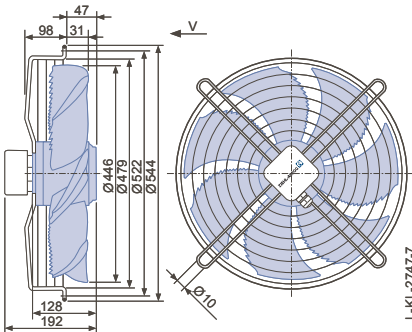
Airflow direction A				Airflow direction V		
Design	W	D	L	K	H	I
						
Type	FN045-SDW.2C.A7P3	FN045-SDD.2C.A7P3	FN045-SDL.2C.A7P3	FN045-SDK.2C.V7P3	FN045-SDH.2C.V7P3	FN045-SDI.2C.V7P3
Article no.	152920	152918	152919	152924	152923	152922
Weight [kg]	5.60	5.40	8.80	5.80	8.80	5.40

Control technology

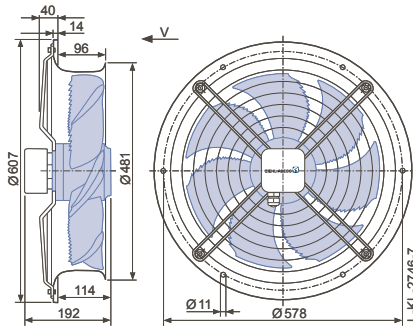
Frequency inverter Fcontrol 3~  ➤ Page 558	Motor protection units 3~  ➤ Page 596	Transformer-based controllers 3~  ➤ Page 591	Electronic voltage controllers 3~  ➤ Page 578
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Airflow direction V

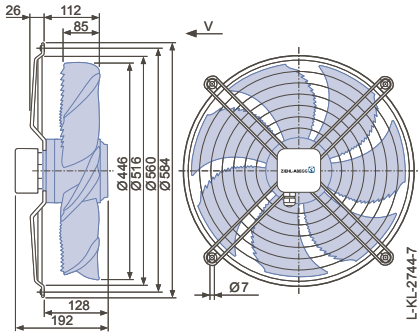
Design K - axial bolted, mounted for short bell mouth E



Design H - pipe sockets with a flange



Design I - axial bolted, mounting for bell mouth flange for pipe socket H or full bell mouth Q or L



FE2owlet

for three phase alternating current, 6-6 pole

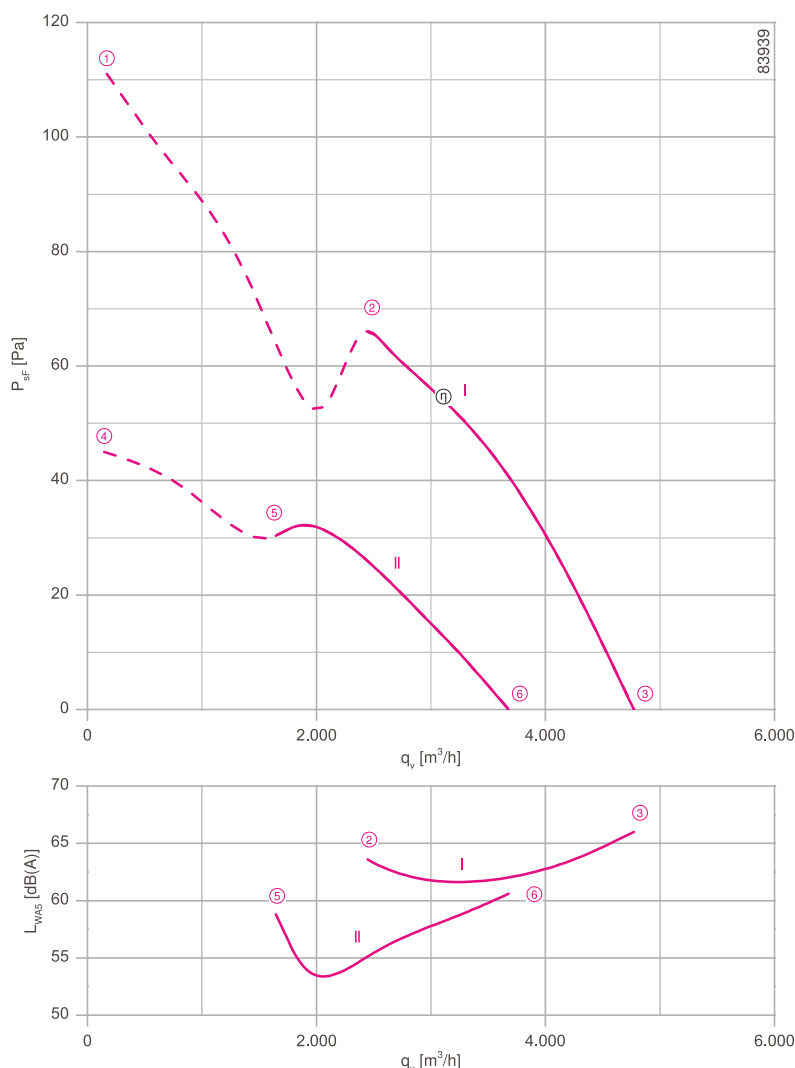
FNO45-SD



Description

Motor technology: AC
Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.18/0.10 kW*
Rated current I_N : 0.50/0.24 A*
Rated speed n_N : 900/ 690 min⁻¹*
Starting current I_A : 1.10 A / 0.32 A
Current increase ΔI : 0 %
Thermal class: THCL155*
Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
Electrical connection: Terminal box
Number of blades: 7
Protection class: IP54
Motor protection: Thermal contact
Blades: Aluminium, uncoated
Rotor: Aluminium, uncoated
Conformity: ErP 2015, CE
ErP Data
Efficiency η_{statA} : 29.0 %
Efficiency: $N_{actual} = 40.0 / N_{target} = 40$ **
* Rated data
**ErP 2015

Characteristic curve



Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

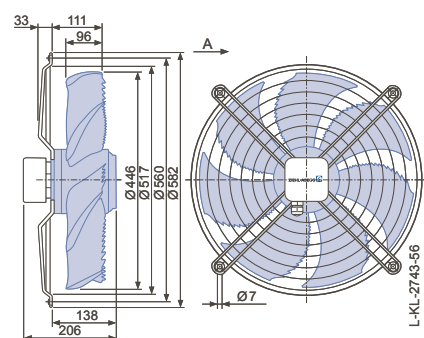
➤ Connection diagrams Page 608
for airflow direction V 1360-108XA
for airflow direction A 1360-108XB

➤ System components Page 524

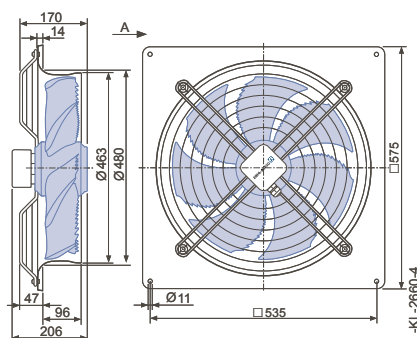
Dimensions [mm]

Airflow direction A

Design D - axial bolted, suspension for full bell mouth Q and L

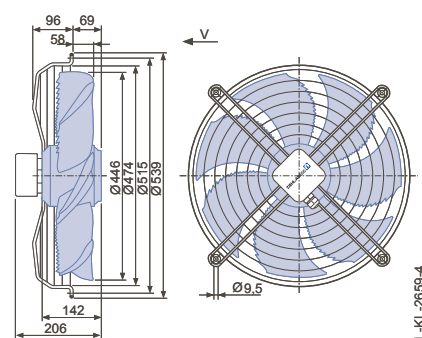


Design Q - square, full bell mouth



Airflow direction V

Design K - axial bolted, mounted for short bell mouth E

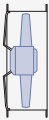
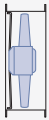
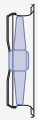


Performance data

Type	Connection	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
			U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
FN045-SD_4F_7P1	Δ	I	400	①	0.56	220	860	
			400*	②	0.50*	180*	900*	64
			400	③	0.46	150	920	66
	Y	II	400	④	0.27	110	550	
			400*	⑤	0.24*	100*	690*	59
			400	⑥	0.24	95	710	61

*rated data

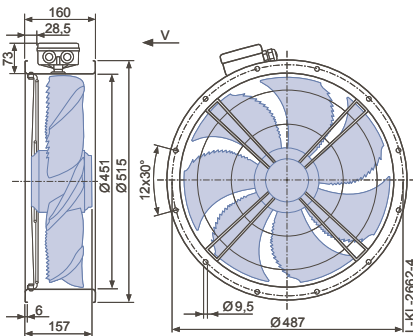
Fan ordering information

Airflow direction A → ← Airflow direction V						
Design	D	Q	K	F (without contact protection)	F (with contact protection)	Q
						
Type	FN045-SDD.4F.A7P1	FN045-SDQ.4F.A7P1	FN045-SDK.4F.V7P1	FN045-SDF.4F.V7P1	FN045-SDF.4F.V7P1	FN045-SDQ.4F.V7P1
Article no.	155139	140108	140112	140120	140540	140116
Weight [kg]	10.70	14.60	11.00	14.20	14.50	14.40

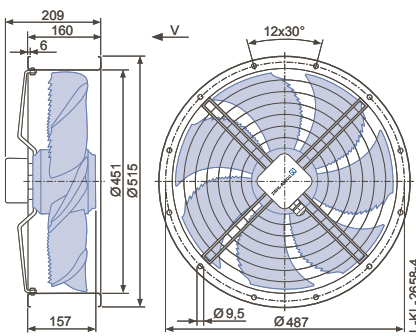
Control technology

Frequency inverter Fcontrol 3~  ➤ Page 558	Motor protection units 3~  ➤ Page 596	Transformer-based controllers 3~  ➤ Page 591	Electronic voltage controllers 3~  ➤ Page 578
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Design F - flange ring with two flanges without guard grille



Design F - flange ring with two flanges and guard grille



Design Q - square, full bell mouth

