

Dry transformer cooling

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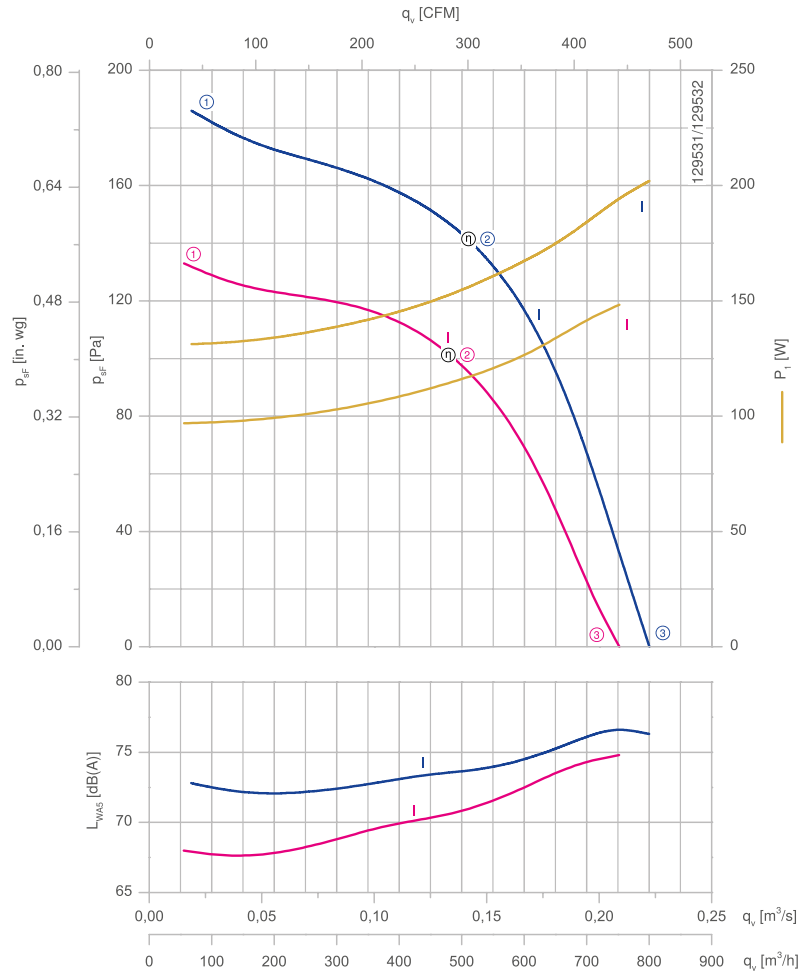
Cross flow fan

for single phase alternating current, 2 pole

QK08A-2E



Characteristic curve



Measured without guide plate 180° according to ISO 5801.

Connection diagram 1360-161XA Page 253
OHNE

Airflow direction

Description

Motor technology: AC

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

Rated frequency f_N : 50 Hz | 60 Hz*

Input power P_i :

160 W | 220 W*

Rated current I_N :

0,72 A | 0,94 A*

Rated speed n_N :

2440 min⁻¹ | 2600 min⁻¹*

Service capacitor C_{400V} : 4,0 μ F

Thermal class: THCL130*

Min. permitted ambient temperature $t_{R(min)}$: -20 °C

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

Electrical connection: Prewired to a terminal strip, capacitor fitted and connected

Degree of protection : IP10

Impeller : aluminium

Housing: Side plates galvanized steel, casing profile aluminium, guide vane steel uncoated

Conformity: CE

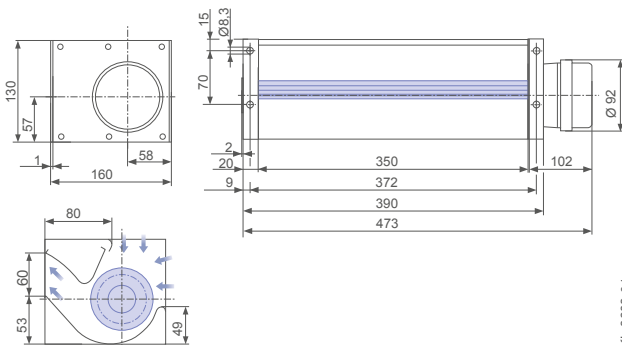
ErP-data

Not subject to the regulations of ErP directive ($P_i < 125$ W)

* Rated data; P_i , I_N determined at 180° guide plates

Dimensions mm

Crossflow fan

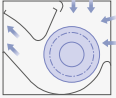


L-KL-3608-01

Performance data

Type	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level L_{WA5} dB(A)	
		U V	f Hz		I A	P_1 W	n min ⁻¹		
QK08A-2EM.35.CF		230	50	①	0.46	95	2850	68	
		230			②	0.52	110	2720	70
		230*			③	0.66*	150*	2440*	75
		230	60	①	0.58	130	3350	73	
		230			②	0.68	160	3150	74
		230*			③	0.88*	200*	2600*	76

Fan ordering information

Design	QK
Installation position	H
	
Type	QK08A-2EM.35.CF
Article no.	205156
Weight kg	3.60

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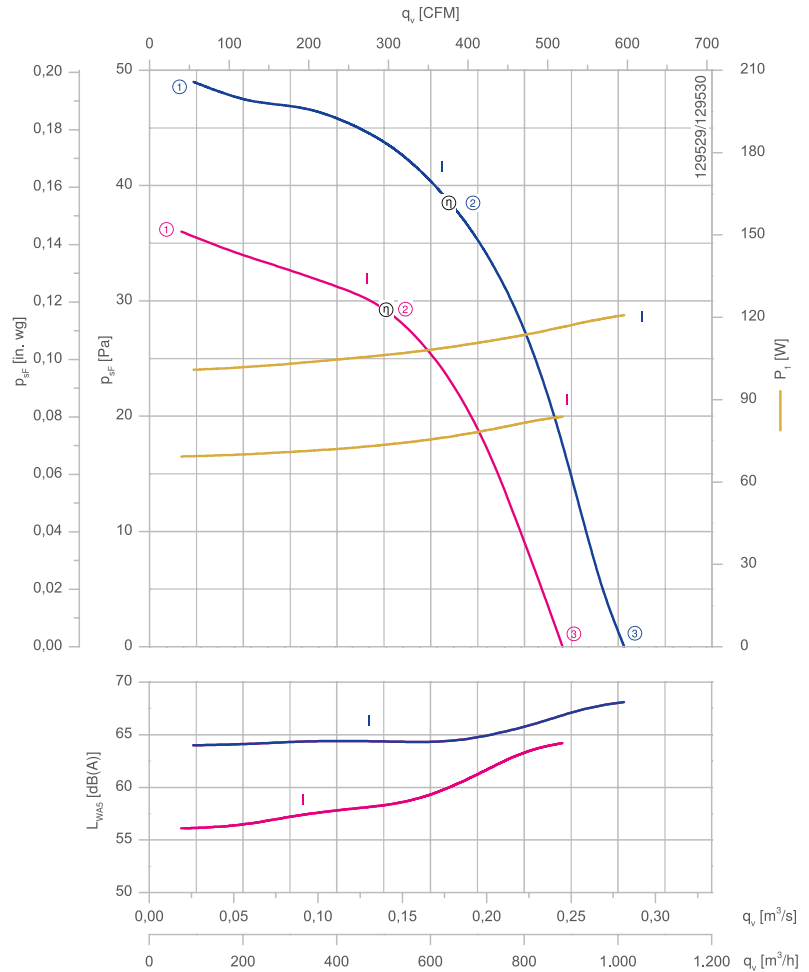
Cross flow fan

for single phase alternating current, 4 pole

QK08A-4E



Characteristic curve



Measured without guide plate 180° according to ISO 5801.

Connection diagram 1360-161XA Page 253
OHNE

Airflow direction

Description

Motor technology: AC

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

Rated frequency f_N : 50 Hz | 60 Hz*

Input power P_i :

90 W | 130 W*

Rated current I_N :

0,39 A | 0,56 A*

Rated speed n_N :

1380 min^{-1} | 1580 min^{-1} *

Service capacitor C_{400V} : 3,0 μF

Thermal class: THCL130*

Min. permitted ambient temperature $t_{R(min)}$: -20 °C

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

Electrical connection: Prewired to a terminal strip, capacitor fitted and connected

Degree of protection: IP10

Impeller: aluminium

Housing: Side plates galvanized steel, casing profile aluminium, guide vane steel uncoated

Conformity: CE

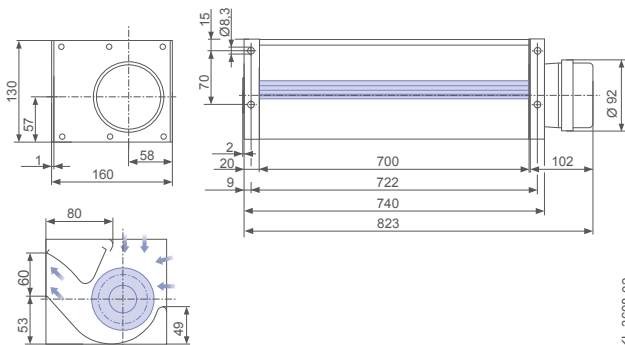
ErP-data

Not subject to the regulations of ErP directive ($P_i < 125$ W)

* Rated data; P_i , I_N determined at 180° guide plates

Dimensions mm

Crossflow fan

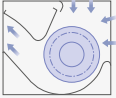


L-KL-3608-02

Performance data

Type	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level L_{WA5} dB(A)
		U V	f Hz		I A	P_1 W	n min ⁻¹	
QK08A-4EM.70.CF		230	50	①	0.31	70	1460	56
		230			0.33	75	1430	58
		230*			0.37*	85*	1380*	64
		230	60	①	0.44	100	1740	64
		230			0.48	110	1680	64
		230*			0.54*	120*	1580*	68

Fan ordering information

Design	QK
Installation position	H
	
Type	QK08A-4EM.70.CF
Article no.	205155
Weight kg	4.70

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Cross flow fan

for single phase alternating current, 2 pole

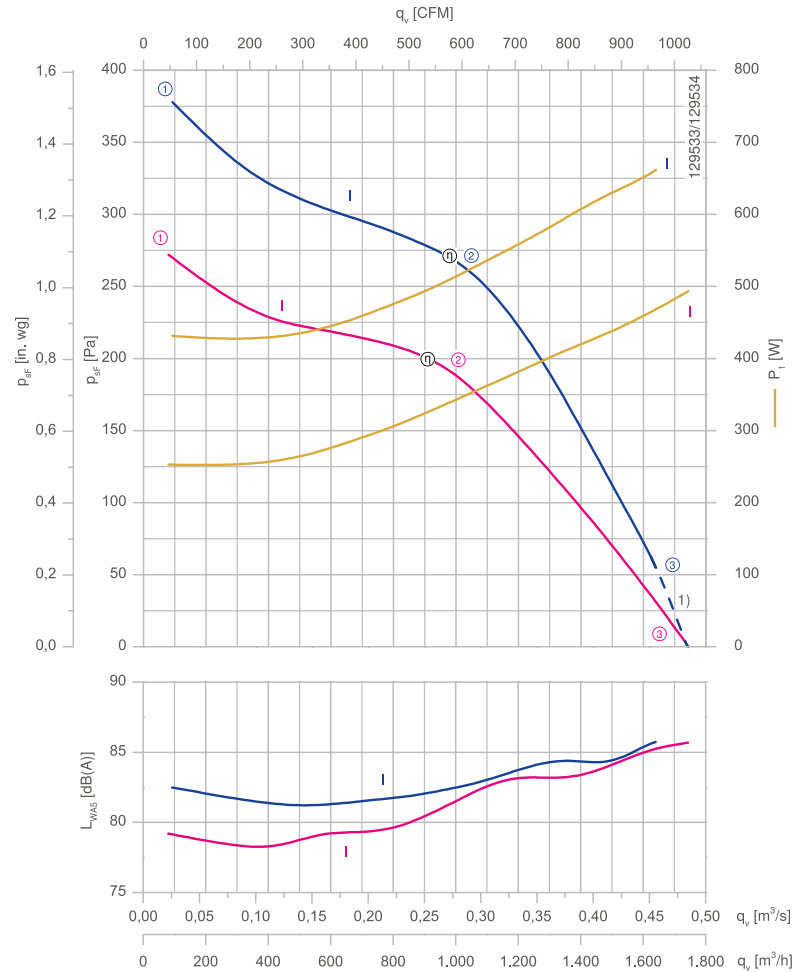
QK10A-2E



Description

Motor technology: AC
 *Rated voltage U_N : 1~ 230 V $\pm 10\%$ *
 Rated frequency f_N : 50 Hz | 60 Hz*
 Input power P_i :
 640 W | 720 W*
 Rated current I_N :
 2,80 A | 3,10 A*
 Rated speed n_N :
 2630 min⁻¹ | 2800 min⁻¹*
 Starting current I_A : 4.60/ A Service capacitor C_{400V} : 10,0 μ F
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -20 °C
 Max. permitted ambient temperature $t_{R(max)}$: 70 °C
 Electrical connection: Prewired to a terminal strip, capacitor fitted and connected
 Minimum pressing $p_{SF(min)}$: 60PA
 Degree of protection : IP10
 Impeller : aluminium
 Housing: Side plates galvanised steel, casing profile aluminium, guide vane steel uncoated
 Conformity: ErP 2015, CE
ErP-data
 Efficiency η_{statA} : 20,8 %
 Efficiency $N_{actual} = 24,5 / N_{target} = 21^{**}$
 * Rated data; P_i , I_N determined at 180° guide plates
 **ErP 2015

Characteristic curve



Measured without guide plate 180° according to ISO 5801.

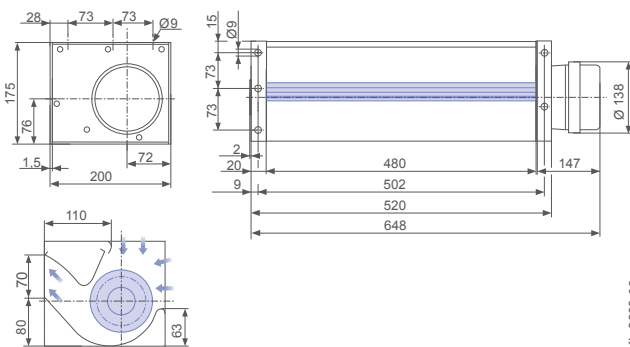
1) Do not operate in this area

Connection diagram 1360-104XA Page 252
OHNE

Airflow direction

Dimensions mm

Crossflow fan

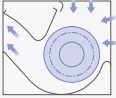


L-KL-3609-02

Performance data

Type	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level L_{WA5} dB(A)	
		U V	f Hz		I A	P_1 W	n min ⁻¹		
QK10A-2EM.48.FK		230	50	①	1.20	250	2890	79	
		230			1.45	320	2820	81	
		230*			2.20*	500*	2630*	86	
		230	60	①	2.10	440	3370	83	
		230			2.30	500	3240	82	
		230			2.30	500	3240	82	
		230			②	2.30	500	3240	82
		230			③	3.10	720	2800	86
		230			③	3.10	720	2800	86

Fan ordering information

Design	QK
Installation position	H
	
Type	QK10A-2EM.48.FK
Article no.	110179
Weight kg	9.50

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Cross flow fan

for single phase alternating current, 4 pole

QK10A-4E



Description

Motor technology: AC

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

Rated frequency f_N : 50 Hz | 60 Hz*

Input power P_i :

130 W | 160 W*

Rated current I_N :

0,58 A | 0,68 A*

Rated speed n_N :

1130 min⁻¹ | 1110 min⁻¹*

Service capacitor C_{400V} : 4,0 μ F

Thermal class: THCL130*

Min. permitted ambient temperature $t_{R(min)}$: -20 °C

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

Electrical connection: Prewired to a terminal strip, capacitor fitted and connected

Degree of protection: IP10

Housing: Side plates galvanized steel, casing profile aluminium, guide vane steel uncoated

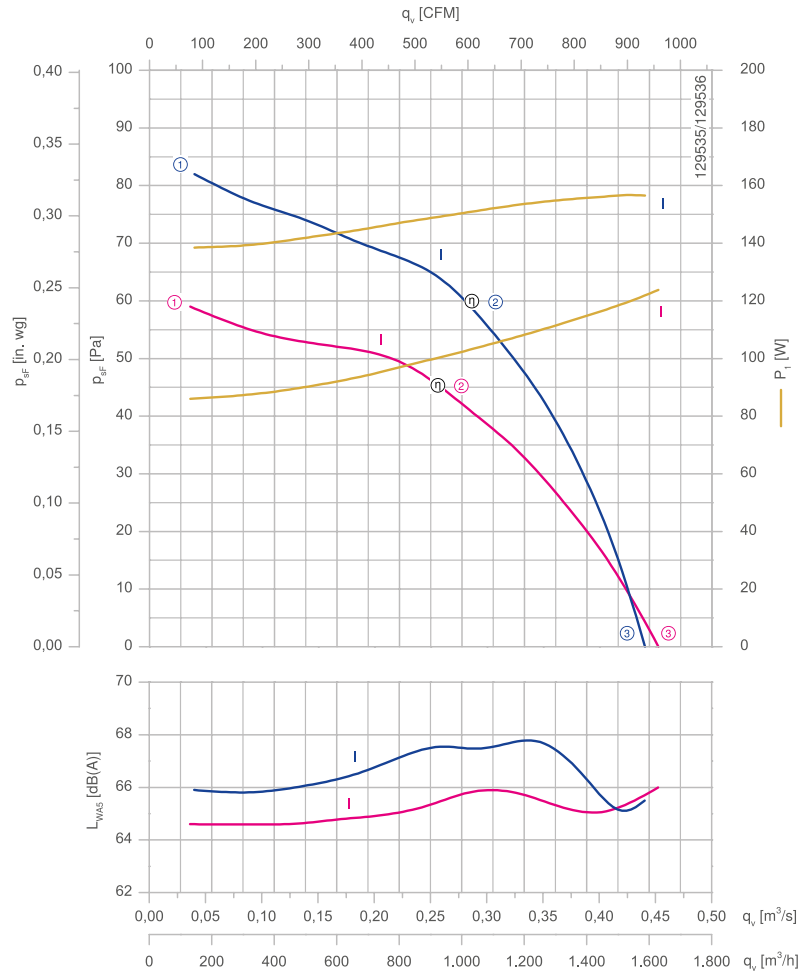
Conformity: CE

ErP-data

Not subject to the regulations of ErP directive ($P_i < 125$ W)

* Rated data; P_i , I_N determined at 180° guide plates

Characteristic curve



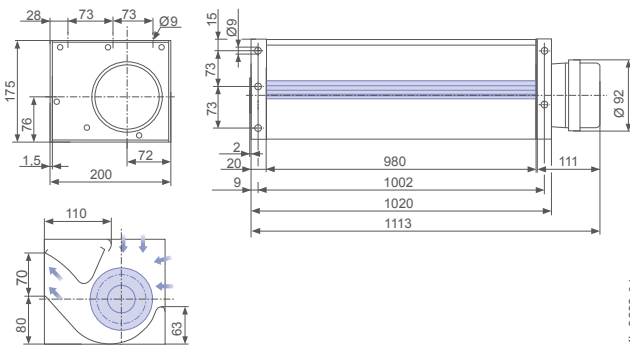
Measured without guide plate 180° according to ISO 5801.

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OHNE

Airflow direction

Dimensions mm

Crossflow fan

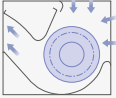


L-KL-3609-01

Performance data

Type	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level L_{WA5} dB(A)	
		U V	f Hz		I A	P_1 W	n min ⁻¹		
QK10A-4EM.98.CH		230	50	①	0.39	85	1420	65	
		230			②	0.44	100	1350	65
		230*			③	0.54*	120*	1130*	66
		230	60	①	0.64	140	1660	66	
		230			②	0.68	150	1520	67
		230*			③	0.68*	160*	1110*	66

Fan ordering information

Design	QK
Installation position	H
	
Type	QK10A-4EM.98.CH
Article no.	110057
Weight kg	7.70

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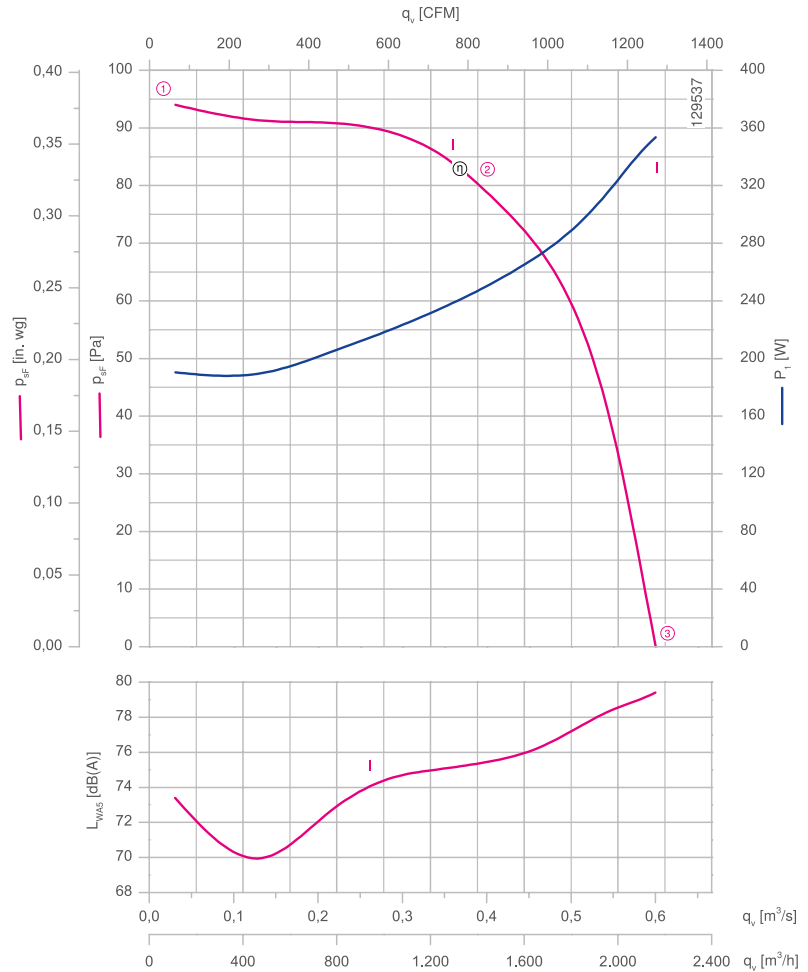
Cross flow fan

for single phase alternating current, 2 pole

QK12A-4E



Characteristic curve



Description

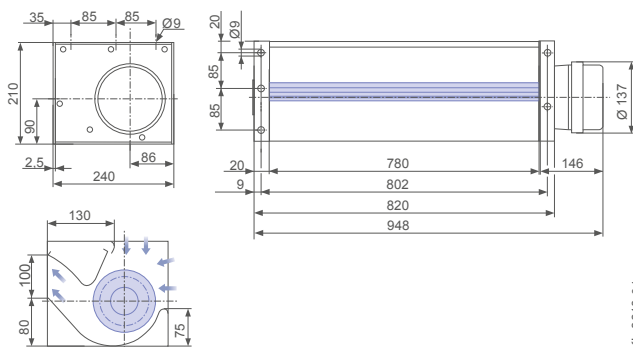
Motor technology: AC
 *Rated voltage U_N : 1~ 230 V $\pm 10\%$ *
 Rated frequency f_N : 50 Hz*
 Input power P_i :
 400 W*
 Rated current I_N :
 1,75 A*
 Rated speed n_N :
 1320 min^{-1} *
 Service capacitor C_{400V} : 8,0 μF
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -20 °C
 Max. permitted ambient temperature $t_{R(max)}$: 70 °C
 Electrical connection: Prewired to a terminal strip, capacitor fitted and connected
 Degree of protection : IP10
 Impeller : aluminium
 Housing: Side plates galvanized steel, casing profile and guide vane aluminium uncoated
 Conformity: ErP 2015, CE
ErP-data
 Efficiency η_{statA} : 17,0 %
 Efficiency: $N_{actual} = 21,1 / N_{target} = 21^{**}$
 * Rated data; P_i , I_N determined at 180° guide plates
 **ErP 2015

Measured without guide plate 180° according to ISO 5801.

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 Airflow direction

Dimensions mm

Crossflow fan



L-KL-3610-01

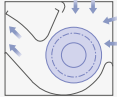
Performance data

Type	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level L_{WA5} dB(A)
		U V	f Hz		I A	P_1 W	n min ⁻¹	
QK12A-4EM.78.GF	I	230	50	①	0.96	190	1450	73
	I	230		②	1.60	350	1320	79
	I	230*		③	1.60*	350*	1320*	79

Fan ordering information

Design QK

Installation position H



Type QK12A-4EM.78.GF

Article no. 204113

Weight kg 11.40

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