

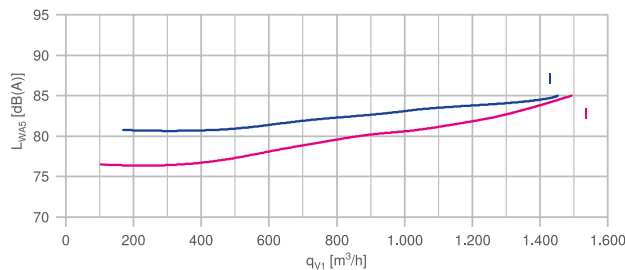
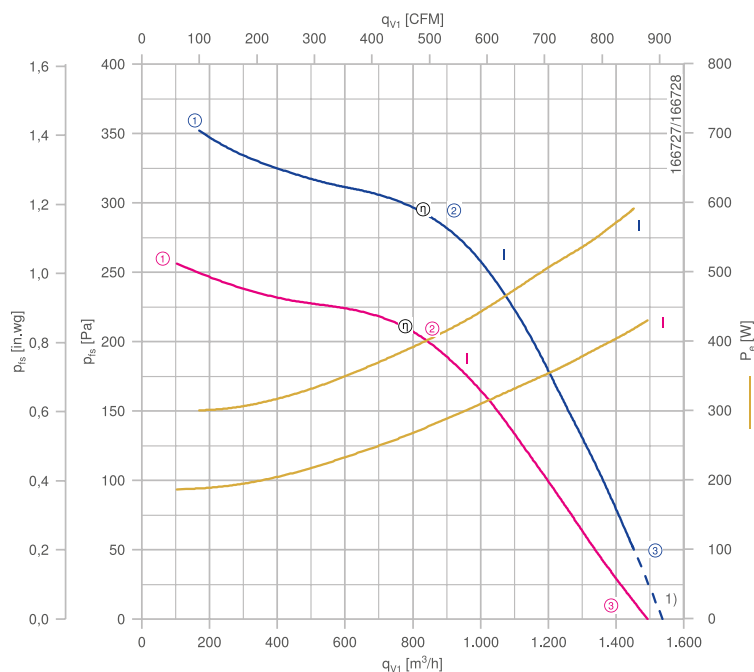
Cross flow fan

for single phase alternating current, 2 pole

QK10A-2E



Characteristic curve



Measured without guide plate 180° according to ISO 5801.

1) Do not operate in this area

Description

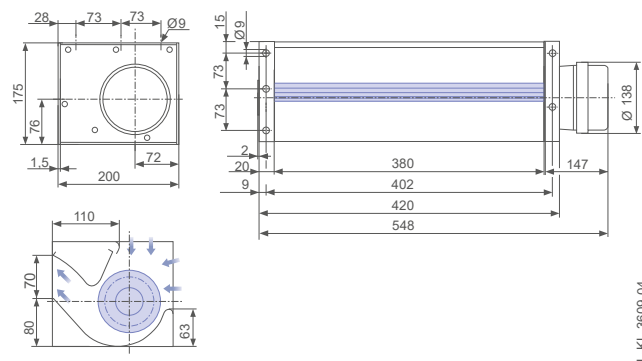
- Motor technology: AC
- Rated voltage U_N : 1~ 230 V $\pm 10\%$ *
- Rated frequency f_N : 50 Hz | 60 Hz*
- Input power P_e : 580 W | 680 W*
- Rated current I_N : 2.50 A | 3.05 A*
- Rated speed n_N : 2710 min⁻¹ | 2850 min⁻¹*
- Service capacitor C_{400V} : 8.0 μ F
- Thermal class: THCL155*
- Min. permitted ambient temperature $t_{amb(min)}$: -20 °C
- Max. permitted ambient temperature $t_{amb(max)}$: 70 °C
- Electrical connection: Prewired to a terminal strip, capacitor fitted and connected
- Minimum pressing $p_{st(min)}$: 50PA
- Degree of protection: IP10
- Impeller made of aluminium
- Housing: Side plates galvanised steel, casing profile aluminium, guide vane steel
- Conformity: ErP 2015, CE
- ErP-data**
- Efficiency η_{tot} : 23.5 %
- Efficiency grade: $N_{actual} = 27.5 / N_{target} = 21$ **
- *Rated data: P_e , I_N determined with 180° air deflector
- **ErP 2015

Connection diagram
System components

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Dimensions mm

Cross flow fan in installation position H

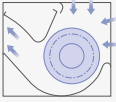


Type	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level L_{WA5} dB(A)
		U V	f Hz		I A	P_e W	n min ⁻¹	
QK10A-2EM.38.FK		230	50	①	0.84	190	2920	77
		230		②	1.15	260	2850	79
		230		③	1.85	420	2680	85
		230	60	①	1.45	300	3430	81
		230		②	1.80	400	3300	82
		230		③	3.00	600	2910	85

Fan ordering information

Design QK

Installation position H



Type QK10A-2EM.38.FK
Article no. 211010

Weight kg 9.10

Control technology

Transformer-based controllers 1~



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