



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 :

240 W | 280 W*

Rated current I_N :

1.05 A | 1.15 A*

Rated speed n_N :

2300 min⁻¹ | 2450 min⁻¹*

Service capacitor C_{400V} : 5.0 μ F

Thermal class: THCL130*

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 $p_{st(min)}$: 50 PA

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} : 23.7 %

Efficiency grade: $N_{actual} = 28.4 / N_{target} = 21$ **

*Rated data

**ErP 2015

Connection diagram

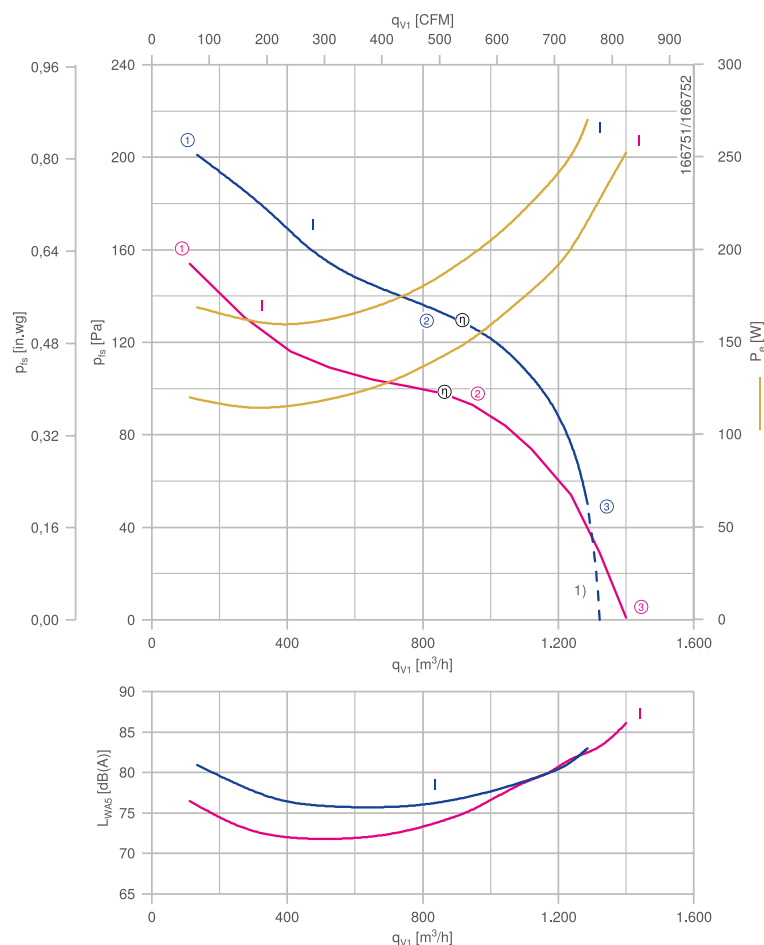
1360-161XA

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System components

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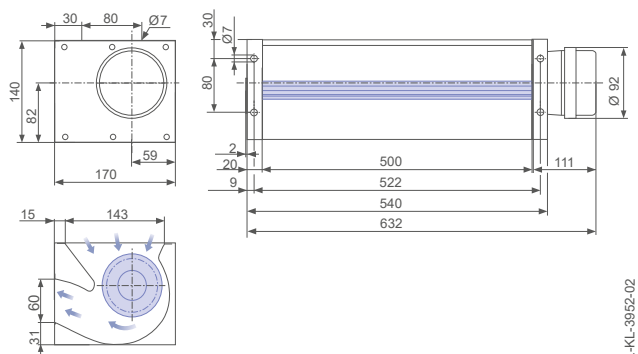
Characteristic curve



1) Do not operate in this area
Measured according to ISO 5801.

Dimensions mm

Cross flow fan in installation position H



Performance data

Type	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level
		U V	f Hz		I A	P _e W	n min ⁻¹	L _{WAS} dB(A)
QR08A-2EM.50.CH	I	230	50	①	0.56	120	2810	77
	I	230		②	0.64	140	2700	74
	I	230		③	1.10	250	2130	86
	I	230	60	①	0.74	170	3230	81
	I	230		②	0.86	190	3110	77
	I	230		③	1.20	270	2450	83

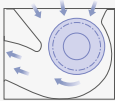
Fan ordering information

Design

QR

Installation position

H



Type

QR08A-2EM.50.CH

Article no.

113240

Weight kg

4.90

Control technology

Transformer-based controllers 1~



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