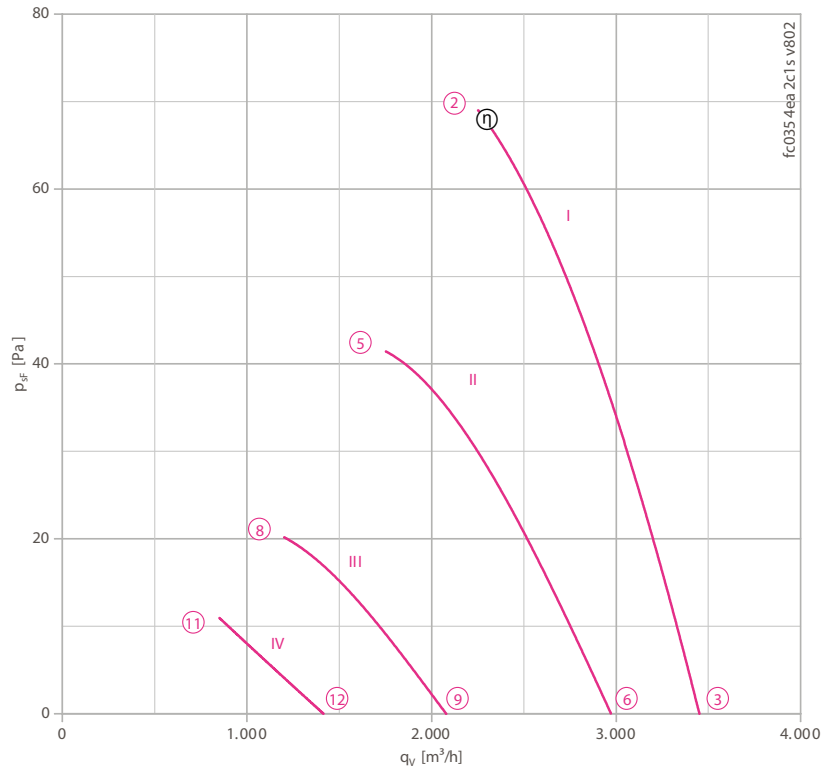


Description

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 : 0.84 A*
 Rated speed n_N : 1330 min⁻¹*
 Starting current I_s : 1.50 A
 Current increase ΔI : 0 %
 Service capacitor C_{400V} : 4.0 μ F
 Thermal class: **THCL155***
 Min. permitted conveyor temperature $t_{R(min)}$: -25 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 80 °C
 Electrical connection: Supply cable lateral-diagonal 65 cm
 Number of blades: 7
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, 1 coat paint, black
 Rotor: Aluminium, 1 coat paint, black
 Conformity: ErP 2013, CE
ErP Data
 Efficiency η_{statA} : 23.9 %
 Efficiency: $N_{actual} = 36.6 / N_{target} = 36$ **
 Frequency inverter required
 * Rated data
 **ErP 2013

Characteristic curve



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

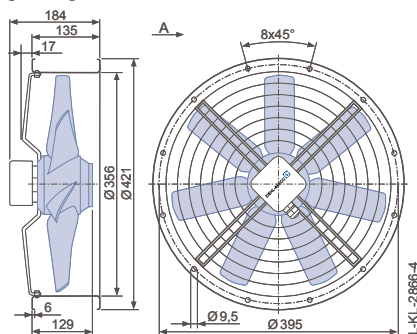
➤ Connection diagram 1360-104XB Page 608

➤ System components Page 524

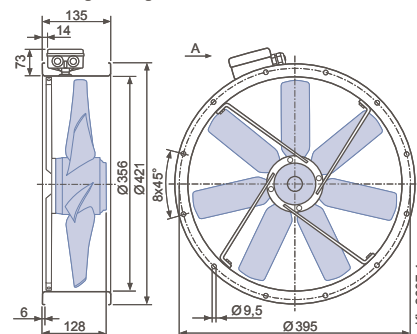
Dimensions [mm]

Airflow direction A

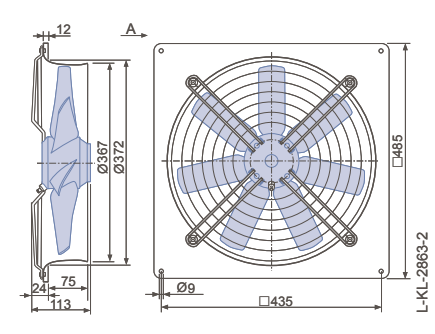
Design F - flange ring with two flanges and guard grille



Design F - flange ring with two flanges without guard grille



Design Q - square, full bell mouth



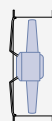
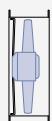
	curve	U		I	power	n	sound power level
		[V]		[A]	P ₁ [W]	[min ⁻¹]	L _{WAS} [dB]
FC035-4E_2C.A7	I	230*	②	0.84*	185*	1330*	73
		230	③	0.81	170	1360	75
	II	160	⑤	0.81	130	1050	67
		160	⑥	0.73	120	1180	72
	III	130	⑧	0.71	89	780	59
		130	⑨	0.71	88	820	63
	IV	105	⑪	0.59	57	560	51
		105	⑫	0.59	57	580	54

*rated data

Fan ordering information

Airflow direction A

Design F (with contact protection) F (without guard grille) Q



Type FC035-4EF.2C.A7 FC035-4EF.2C.A7 FC035-4EQ.2C.A7
Article no. 132996 132994 125092

Weight [kg] 9.10 7.20 7.30
Electrical connection Terminal box Terminal box Supply cable lateral diagonal

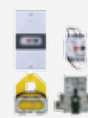
Control technology

Frequency inverter
Fcontrol 1~



➤ Page 552

Motor protection units
1~



➤ Page 596

Transformer-based
controllers 1~



➤ Page 587

Electronic voltage
controllers 1~



➤ Page 562

Information

FE2owlet
ECblue

FE2owlet

FB

FC

System
components

Control
technology

Appendix