



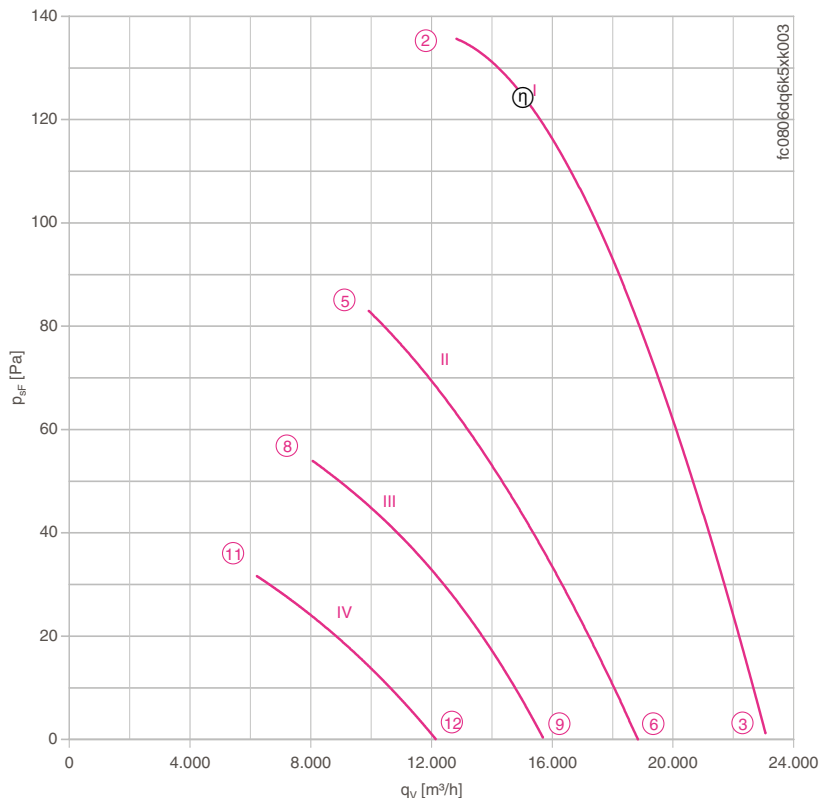
Description

Motor technology: AC
 Rated voltage U_N : 3~ 230/400 V (Δ/Y) $\pm 10\%$
 Rated frequency f_N : 50 Hz*
 Motor input power P_1 : 1.40 kW*
 Rated current I_N : 4.70/2.70 A*
 Rated speed n_N : 900 min⁻¹*
 Starting current I_A : 17.00 A / 9.80 A
 Current increase ΔI : 10 %
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 60 °C
 Electrical connection: Terminal box
 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 2015, CE

ErP Data

Efficiency η_{statA} : 38.0 %
 Efficiency: $N_{actual} = 43.4 / N_{target} = 40^{**}$
 * Rated data
 **ErP 2015

Characteristic curve



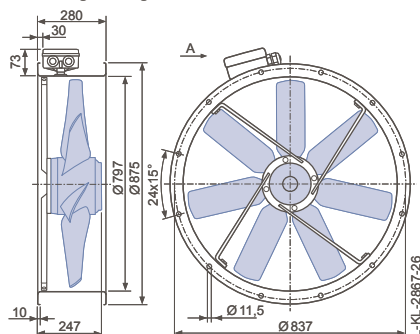
Connection diagram 1360-106XB Page 608

System components Page 524

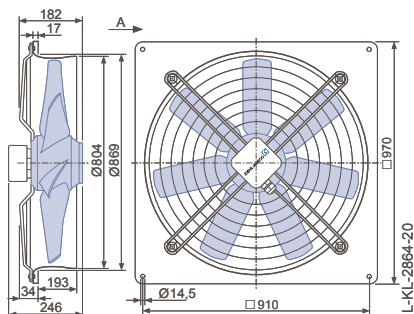
Dimensions [mm]

Airflow direction A

Design F - flange ring with two flanges without guard grille



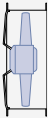
Design Q - square, full bell mouth



	curve	U		I	power	n	sound power level
		[V]		[A]	P ₁ [W]		L _{WAS} [dB]
FC080-6D_.6K.A7	I	400*	②	2.70*	1400*	900*	82
		400	③	2.40	1150	920	81
	II	230	⑤	3.00	940	690	76
		230	⑥	2.60	840	750	77
	III	180	⑧	2.80	670	560	71
		180	⑨	2.60	640	630	73
	IV	140	⑪	2.40	430	430	65
		140	⑫	2.30	420	490	67

*rated data

Fan ordering information

Airflow direction A		
Design	F (without guard grille) Q	
		
Type	FC080-6DF.6K.A7	FC080-6DQ.6K.A7
Article no.	125030	125009
Weight [kg]	39.10	38.60

Control technology

Frequency inverter Fcontrol 3~	Motor protection units 3~	Transformer-based controllers 3~	Electronic voltage controllers 3~
			
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