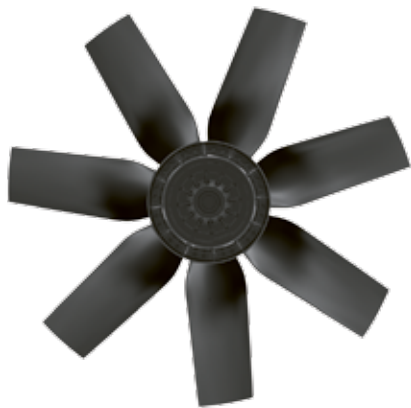


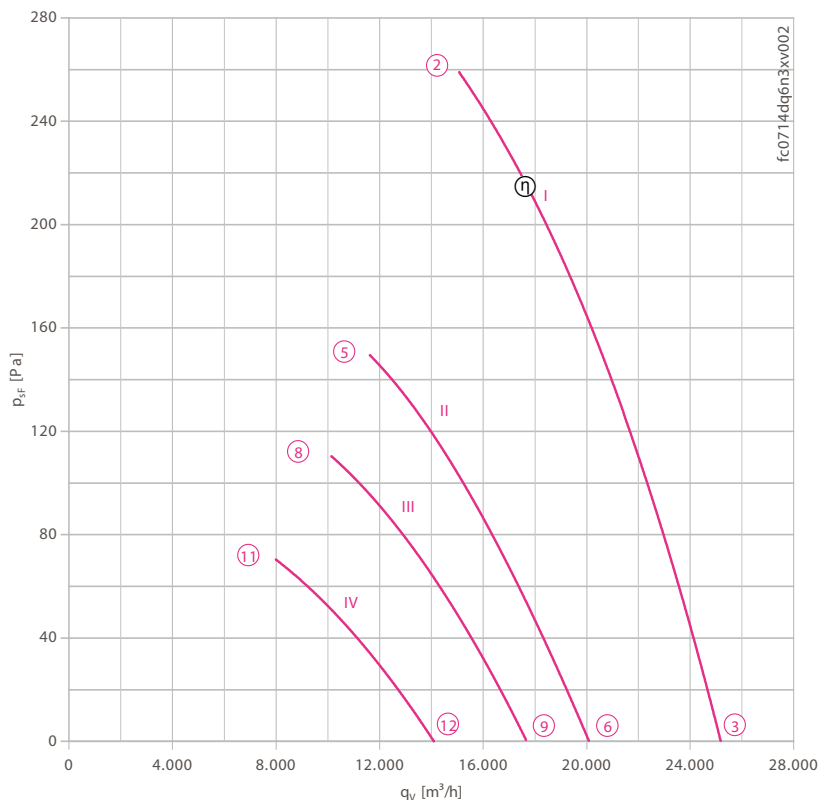


Description

Motor technology: AC
 Rated voltage U_N : 3~ 230/400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz*
 Motor input power P_1 : 2.90 kW*
 Rated current I_N : 9.20/5.30 A*
 Rated speed n_N : 1290 min⁻¹*
 Starting current I_A : 34.00 A / 20.00 A
 Current increase ΔI : 0 %
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 65 °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} : 36.5 %
 Efficiency: $N_{actual} = 40.1 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



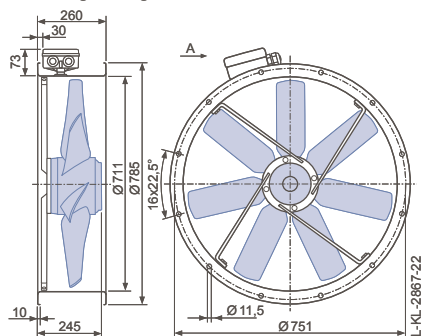
Connection diagram 1360-106XB Page 608

System components Page 524

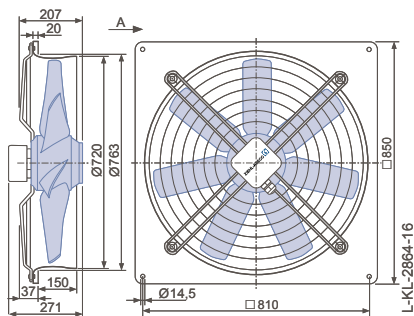
Dimensions [mm]

Airflow direction A

Design F - flange ring with two flanges without guard grille



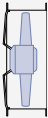
Design Q - square, full bell mouth



	curve	U [V]		I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WAS} [dB]
FC071-4D_.6N.A7	I	400*	②	5.30*	2900*	1290*	91
		400	③	4.60	2400	1340	90
	II	230	⑤	5.30	1800	990	84
		230	⑥	4.80	1650	1070	84
	III	180	⑧	5.00	1400	860	81
		180	⑨	4.60	1300	940	81
	IV	140	⑪	4.40	910	680	75
		140	⑫	4.20	870	750	75

*rated data

Fan ordering information

Airflow direction A		
Design	F (without guard grille) Q	
		
Type	FC071-4DF.6N.A7	FC071-4DQ.6N.A7
Article no.	135061	135060
Weight [kg]	39.80	38.50

Control technology

Frequency inverter Fcontrol 3~	Motor protection units 3~	Transformer-based controllers 3~	Electronic voltage controllers 3~
			
➤ Page 558	➤ Page 596	➤ Page 591	➤ Page 578