



Description

Motor technology: AC

Rated voltage U_N : 1~ 230 V $\pm$ 10 %*

Rated frequency f_N : 50 Hz*

Motor input power P_1 : 0.89 kW*

Rated current I_N : 4.10 A*

Rated speed n_N : 850 min⁻¹*

Starting current I_A : 8.00 A

Current increase ΔI : 10 %

Service capacitor C_{400V} : 16.0 μ F

Thermal class: THCL155*

Min. permitted conveyor temperature $t_{R(min)}$: -25 °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

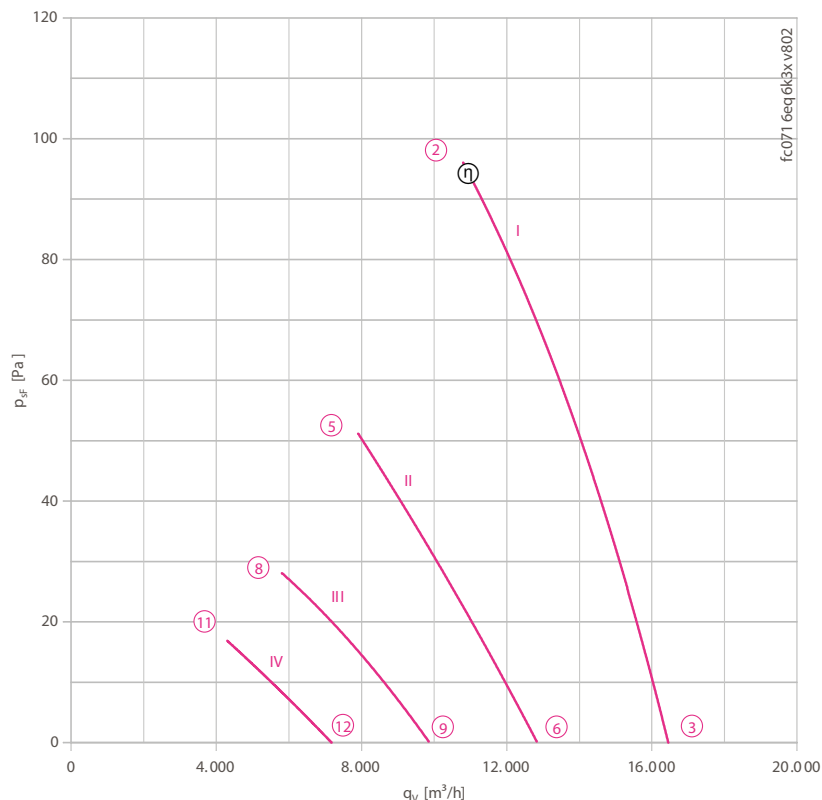
Efficiency η_{statA} : 33.4 %

Efficiency: $N_{actual} = 40.1 / N_{target} = 40$ **

* Rated data

**ErP 2015

Characteristic curve



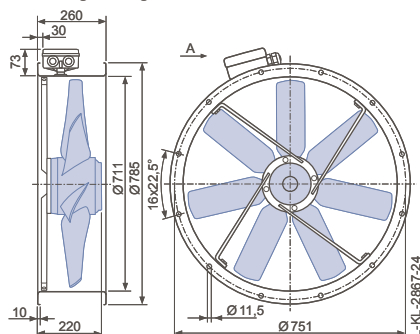
Connection diagram 1360-104XB Page 608

System components Page 524

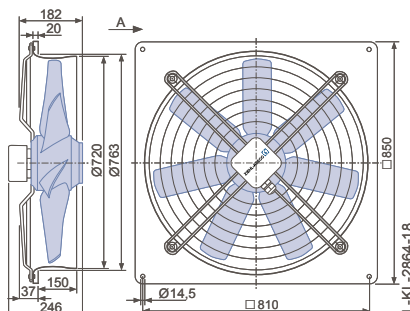
Dimensions [mm]

Airflow direction A

Design F - flange ring with two flanges without guard grille



Design Q - square, full bell mouth

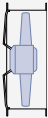


	curve	U		I	power	n	sound power level
		[V]		[A]	P ₁ [W]		L _{WAS} [dB]
FC071-6E_6K.A7	I	230*	②	4.10*	890*	850*	81
		230	③	3.70	780	880	82
	II	160	⑤	4.50	650	620	74
		160	⑥	4.10	610	690	77
	III	130	⑧	4.20	470	460	67
		130	⑨	4.10	470	530	71
	IV	105	⑪	3.50	310	350	61
		105	⑫	3.50	310	380	63

*rated data

Fan ordering information

Airflow direction A

Design	F (without guard grille) Q	
		
Type	FC071-6EF.6K.A7	FC071-6EQ.6K.A7
Article no.	125029	125006
Weight [kg]	34.30	33.00

Control technology

Frequency inverter Fcontrol 1~	Motor protection units 1~	Transformer-based controllers 1~	Electronic voltage controllers 1~
			
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