



Description

Motor technology: AC

Rated voltage U_N : 3~ 230/400 V (Δ/Y) ± 10 %*

Rated frequency f_N : 50 Hz* (60Hz data available)

Motor input power P_1 : 0.43 kW*

Rated current I_N : 1.95/1.10 A*

Rated speed n_N : 640 min⁻¹*

Starting current I_A : 4.20 A / 2.40 A

Current increase ΔI : 0 %

Thermal class: THCL155*

Min. permitted conveyor temperature $t_{R(min)}$: -40 °C

Max. permitted conveyor temperature $t_{R(max)}$: 70 °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 2013, CE

ErP Data

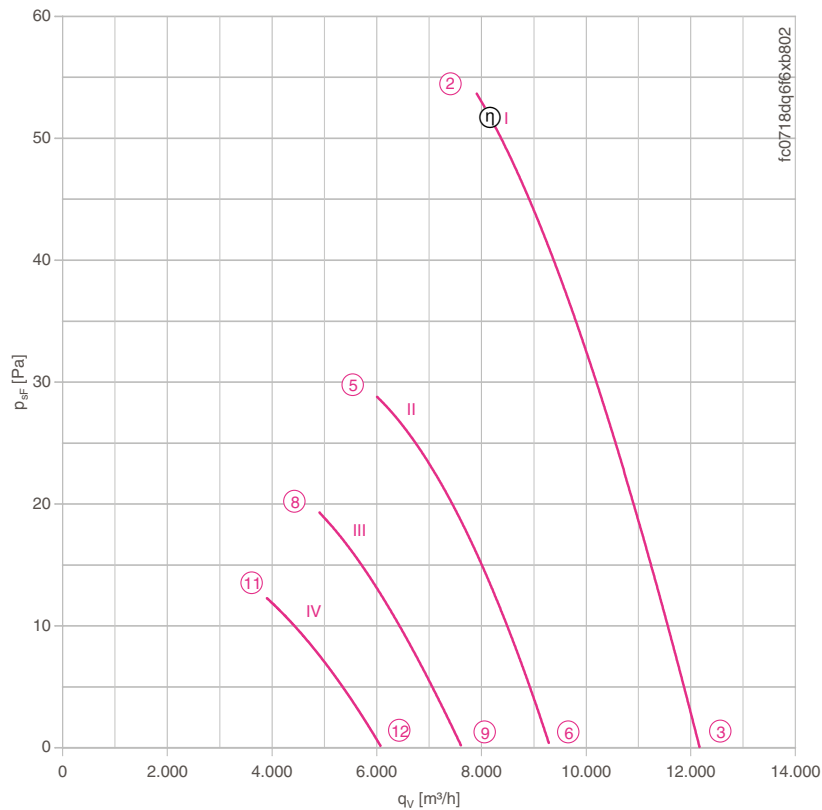
Efficiency η_{statA} : 29.3 %

Efficiency: $N_{actual} = 38.1 / N_{target} = 36$ **

* Rated data

**ErP 2013

Characteristic curve



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

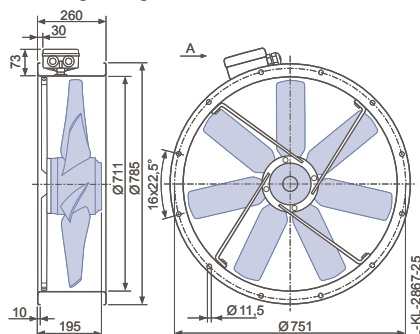
Connection diagram 1360-106XB Page 608

System components Page 524

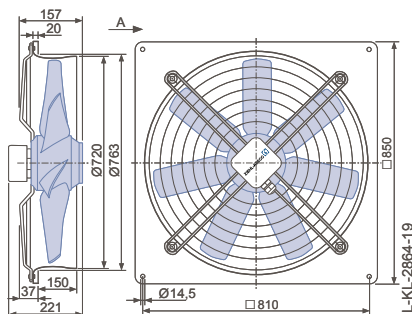
Dimensions [mm]

Airflow direction A

Design F - flange ring with two flanges without guard grille



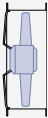
Design Q - square, full bell mouth



	curve	U		I	power	n	sound power level
		[V]		[A]	P ₁ [W]		L _{WAS} [dB]
FC071-8D_.6F.A7	I	400*	②	1.10*	420*	640*	75
		400	③	1.05	370	650	75
	II	230	⑤	0.83	240	480	68
		230	⑥	0.79	220	510	68
	III	180	⑧	0.75	160	390	63
		180	⑨	0.72	155	420	64
	IV	140	⑪	0.64	110	310	57
		140	⑫	0.62	105	330	59

*rated data

Fan ordering information

Airflow direction A		
Design	F (without guard grille) Q	
		
Type	FC071-8DF.6F.A7	FC071-8DQ.6F.A7
Article no.	125028	125005
Weight [kg]	30.40	29.30

Control technology

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