



Description

Motor technology: EC

Rated voltage U: 3~ 380-480 V*

Rated frequency f: 50/60 Hz*

Motor input power P_{cve} : **0.81 kW***

Rated current I: **1.40- 1.10 A***

Rated speed n_{rated} : 960 min⁻¹

Rated speed $n_{\max}$: 960 min⁻¹
Thermal class: **THCL155***

Min. permitted conveyor temperature $t_{B(min)}$: -35 °C

Max. permitted conveyor temperature $t_{R(max)}$: 60 °C

Electrical connection: integrated Controller

Number of blades: 7

Protection class: IP54

Motor protection: Integrated active temperature management

Blades: High Performance Composite Material, uncoated, black

Rotor: Steel, 2 coat paint, Ultramarine blue

Conformity: ErP 2015, CE, UL

ErP Data

Efficiency η_{statA} : 47.7 %

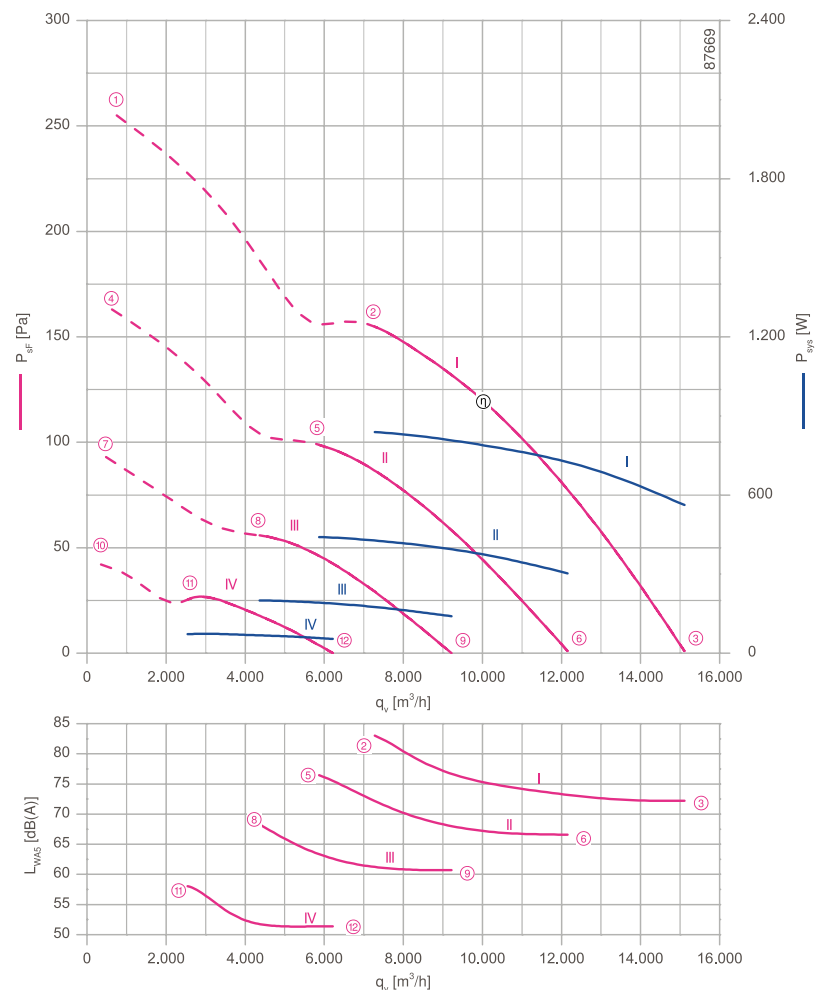
Efficiency: $N_{\text{actual}} = 54.8 / N_{\text{target}} = 40^{**}$

EC controller integrated

* Rated data

**ErP 2015

Characteristic curve



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

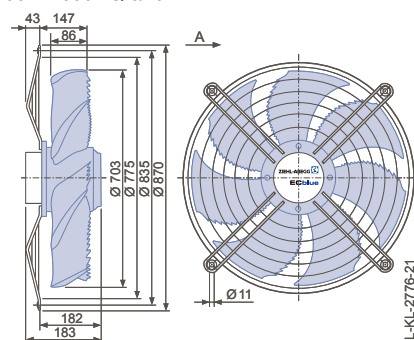
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System components Page 524

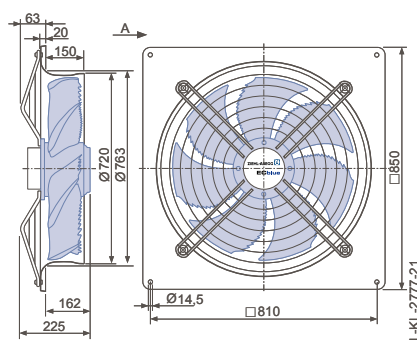
Dimensions [mm]

Airflow direction A

Design D - axial bolted, suspension for full bell mouth Q and L



Design Q - square, full bell mouth



		n [min ⁻¹]		I [A]	P _{sys} [W]	power level L _{WA5} [dB]
FN071-ZI_DG._7P3	I	960	①	1.80	1150	
		960	②	1.35	840	83
		960	③	0.98	560	72
	II	770	④	1.00	600	
		770	⑤	0.82	440	77
		770	⑥	0.64	300	67
	III	580	⑦	0.58	260	
		580	⑧	0.48	200	68
		580	⑨	0.37	140	61
	IV	390	⑩	0.30	90	
		390	⑪	0.26	70	57
		390	⑫	0.23	55	51

Current values determined at 400V

Fan ordering information

Airflow direction A				Airflow direction V	
Design	D	Q	Q	S	
					
Type	FN071-ZID.DG.A7P3	FN071-ZIQ.DG.A7P3	FN071-ZIQ.DG.V7P3	FN071-ZIS.DG.V7P3	
Basic electronics					
Article no.	154317	154329	154353	154341	
Premium electronics					
Article no.	154318	154330	154354	154342	
Weight [kg]	15.20	26.10	26.20	15.30	

Control technology

Control module	Operating terminal	Expansion module
		
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Airflow direction V	
Design Q - square, full bell mouth	Design S - radially bolted, mounting for full bell mouth Q and L
