



Description

Motor technology: EC

Rated voltage U: 1~ 200-277 V*

Rated frequency f: 50/60 Hz*

Motor input power P_{cve} : 0.66 kW*

Rated current I: **3.40- 2.40 A***

Rated speed $n_{\max}$: 890 min⁻¹*

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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} : 46.3 %

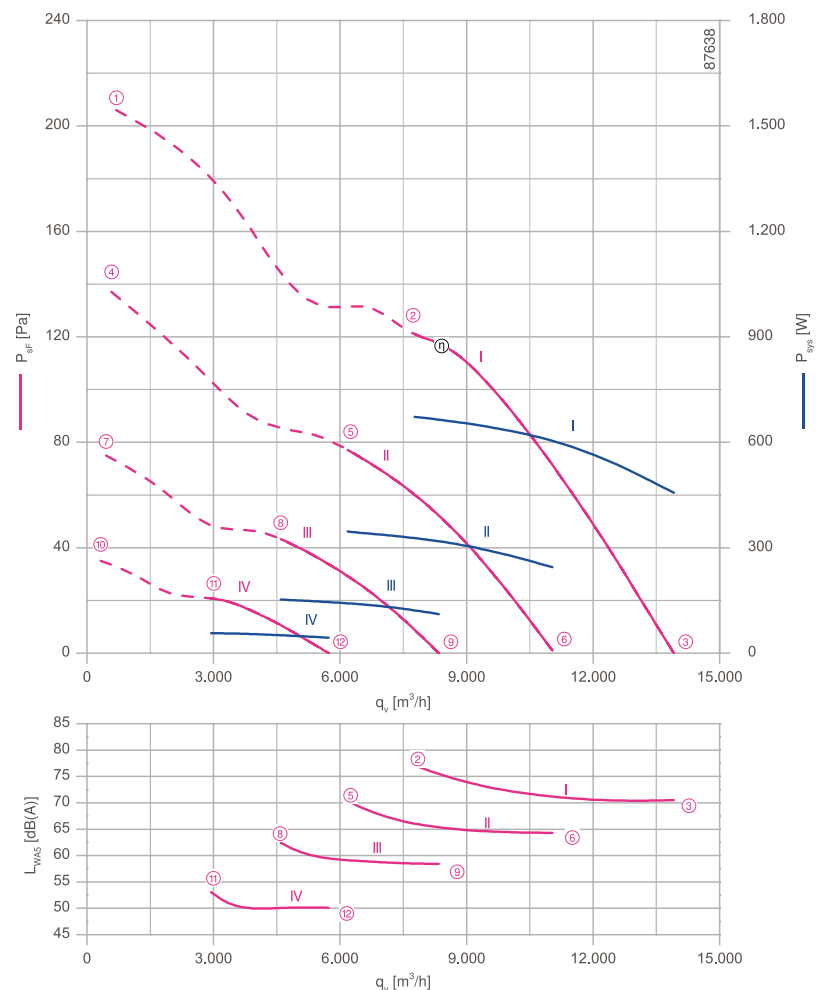
Efficiency: $N_{\text{actual}} = 53.8 / N_{\text{target}} = 40^{**}$

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.

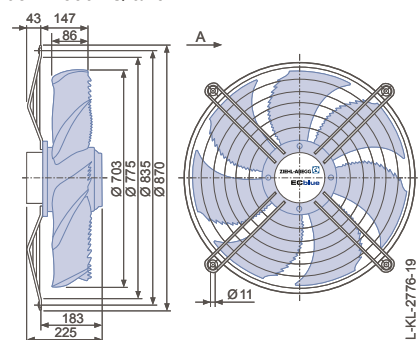
Connection diagram 1360-401 Page 607

System components Page 524

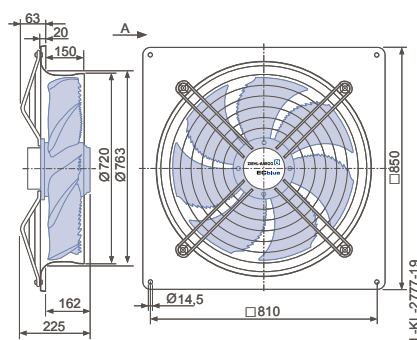
Dimensions [mm]

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	890	①	3.90	880	
		890	②	3.10	680	78
		890	③	2.10	460	71
	II	710	④	2.20	480	
		710	⑤	1.65	350	71
		710	⑥	1.20	240	64
	III	530	⑦	0.98	200	
		530	⑧	0.74	150	63
		530	⑨	0.56	110	58
	IV	360	⑩	0.40	75	
		360	⑪	0.48	55	52
		360	⑫	0.44	44	50

Current values determined at 230V

Fan ordering information

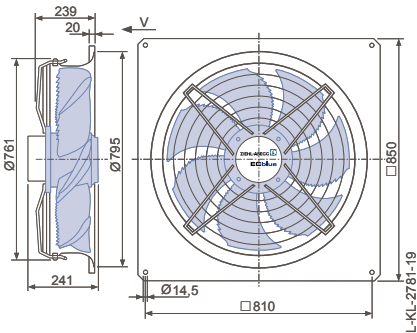
Airflow direction A				Airflow direction V	
Design	D	Q	Q	S	
					
Type	FN071-ZID.DG.A7P3	FN071-ZIQ.DG.A7P3	FN071-ZIQ.DG.V7P3	FN071-ZIS.DG.V7P3	
Basic electronics					
Article no.	154321	154333	154357	154345	
Premium electronics					
Article no.	154322	154334	154358	154346	
Weight [kg]	15.20	26.10	26.20	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

