



Description

Motor technology: EC

Rated voltage U: 3~ 380-480 V*

Rated frequency f : 50/60 Hz*

Motor input power P_{enc} : **3.70 kW***

Rated current I: **5.90- 4.70 A***

Rated speed $n_{\max}$: **1600 min⁻¹***

Thermal class: **THCL155***

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

Max. permitted conveyor temperature $t_{R(max)}$: 55 °C

Electrical connection: integrated Controller

Number of blades: 7

Protection class: IP54

Motor protection: Integrated active temperature management

Blades: Aluminium, uncoated

Rotor: Steel, 2 coat paint, Ultramarine blue

Conformity: ErP 2015, CE, UL

ErP Data

Efficiency η_{total} : 41.7 %

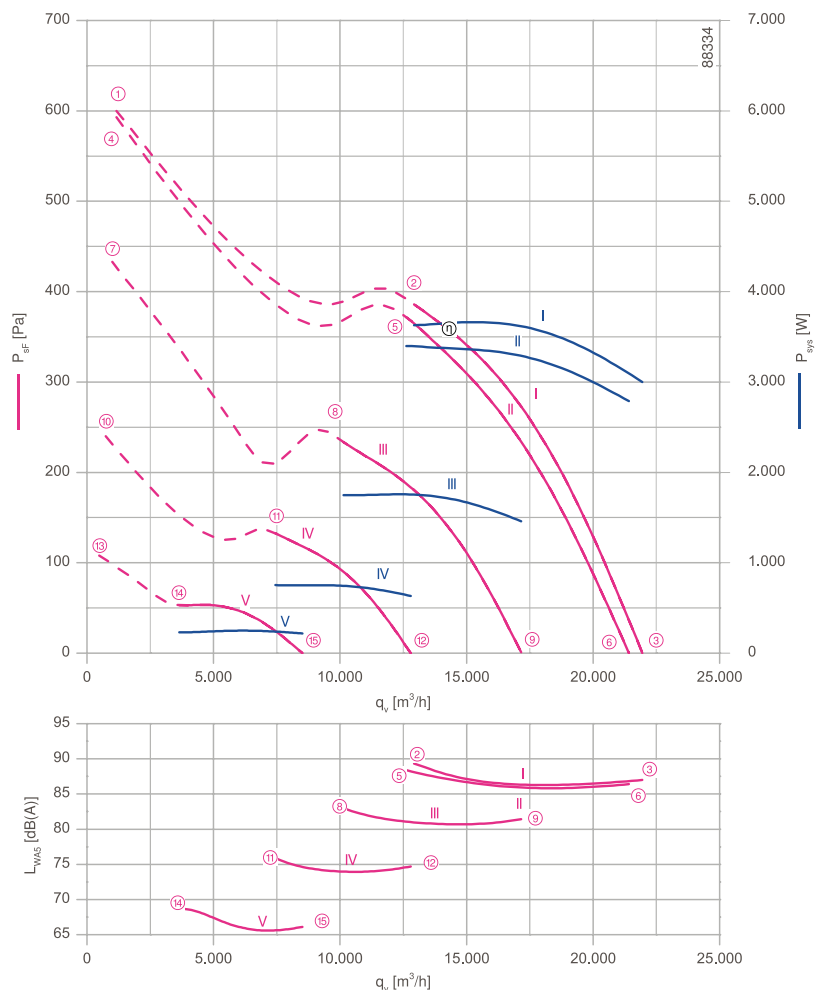
Efficiency: $N_{\text{actual}} = 44.5 / N_{\text{target}} = 40^{**}$

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.

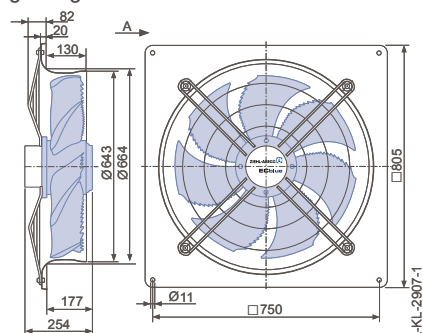
Connection diagram 1360-401 Page 607

System components Page 524

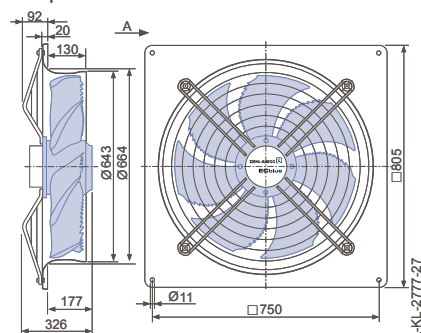
Dimensions [mm]

Airflow direction A

Design Q full bell mouth, square without guard grill



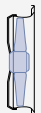
Design Q full bell mouth, square with contact protection



	curve	n [min ⁻¹]		I [A]	power P _{sys} [W]	sound power level L _{WAS} [dB]	media tempera- ture t _R [°C]
FN063-ZI_GL_7P3	I	1600	①	5.40	3500		55
		1600	②	5.60	3600	91	
		1600	③	4.60	3000	87	
	II	1560	④	5.40	3500		60
		1560	⑤	5.20	3400	90	
		1560	⑥	4.20	2800	86	
	III	1250	⑦	3.40	2200		
		1250	⑧	2.70	1750	85	
		1250	⑨	2.30	1450	81	
	IV	930	⑩	1.50	920		
		930	⑪	1.25	740	77	
		930	⑫	1.10	640	75	
	V	620	⑬	0.68	310		
		620	⑭	0.60	250	67	
		620	⑮	0.54	220	66	

Current values determined at 400V

Fan ordering information

Airflow direction A			Airflow direction V
Design	Q (without contact protection)	Q (with contact protection)	Q
			
Type	FN063-ZIQ.GL.A7P3	FN063-ZIQ.GL.A7P3	FN063-ZIQ.GL.V7P3
Basic electronics			
Article no.	154984	154988	154972
Premium electronics			
Article no.	154985	154989	154973
Weight [kg]	41.90	44.20	44.60

Control technology

Control module	Operating terminal	Expansion module
		
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Airflow direction V

Design Q - square, full bell mouth

