



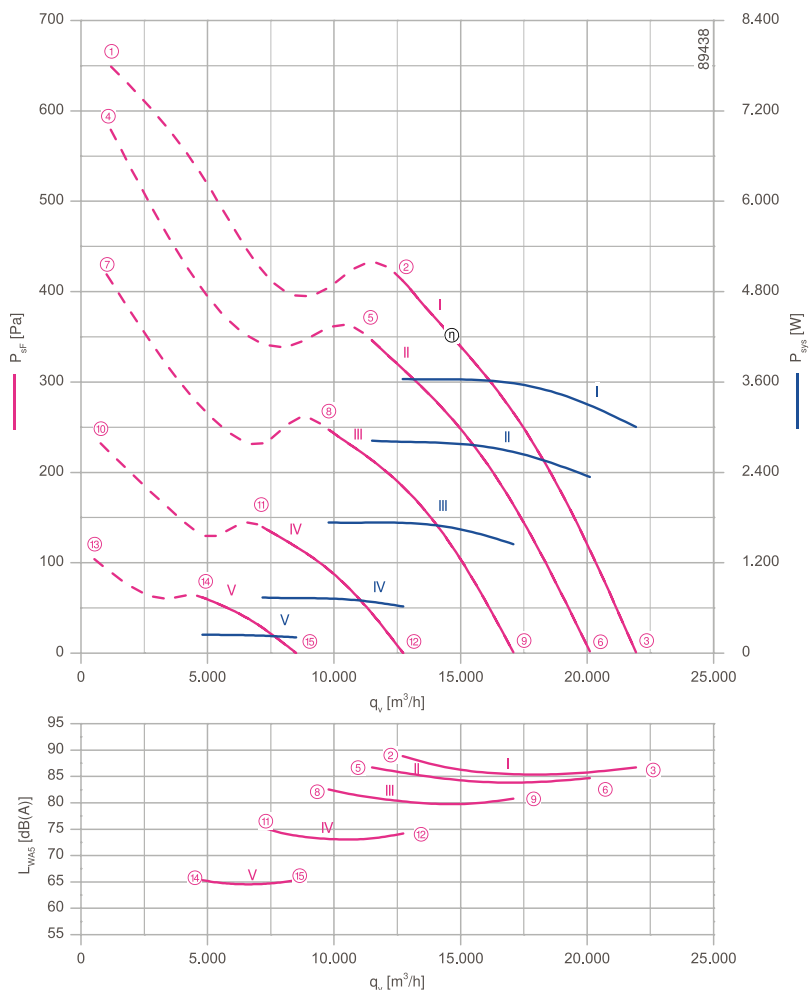
Description

Motor technology: EC
 Rated voltage U: 3~ 200-240 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 3.70 kW*
 Rated current I: 11.20- 9.40 A*
 Rated speed n_{max} : 1600 min⁻¹*
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -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_{statA} : 43.3 %
 Efficiency: $N_{actual} = 46.1 / N_{target} = 40^{**}$
 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.

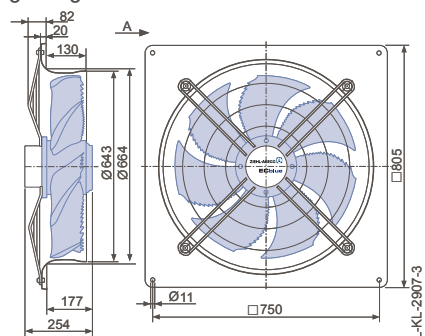
Connection diagram 1360-401 Page 607

System components Page 524

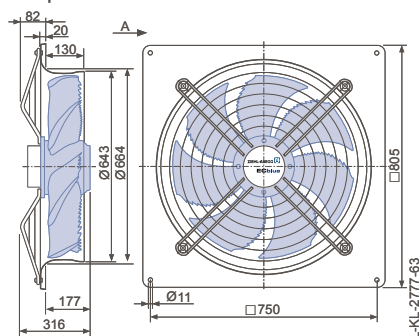
Dimensions [mm]

Airflow direction A

Design Q full bell mouth, square without guard grill



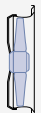
Design Q full bell mouth, square with contact protection



	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	11.00	4200		55
		1600	②	9.80	3600	89	
		1600	③	8.00	3000	87	
	II	1470	④	9.40	3500		60
		1470	⑤	7.60	2800	87	
		1470	⑥	6.20	2300	85	
	III	1250	⑦	5.80	2200		
		1250	⑧	4.60	1750	83	
		1250	⑨	3.90	1450	81	
	IV	930	⑩	2.50	920		
		930	⑪	2.00	740	75	
		930	⑫	1.70	620	74	
	V	620	⑬	0.86	300		
		620	⑭	0.74	240	65	
		620	⑮	0.66	210	65	

Current values determined at 230V

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.	155687	155689	154897
Premium electronics			
Article no.	155688	155690	154898
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

