



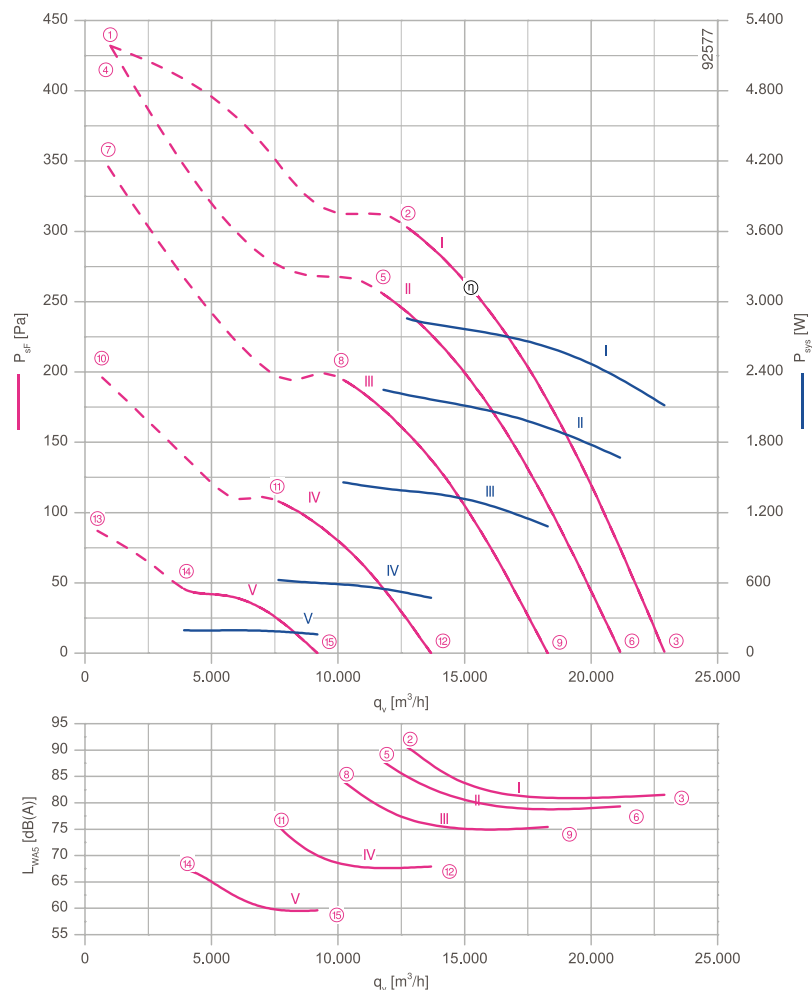
Description

Motor technology: EC
 Rated voltage U: 3~ 200-240 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 2.90 kW*
 Rated current I: 8.60- 7.20 A*
 Rated speed n_{max} : 1300 min⁻¹*
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -35 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 50 °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} : 43.5 %
 Efficiency: $N_{actual} = 47.1 / N_{target} = 40^{**}$
 EC controller integrated
 * Rated data
 **ErP 2015

Characteristic curve



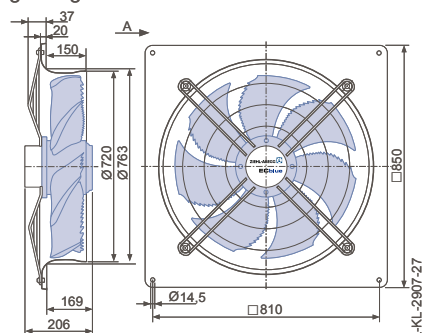
Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Connection diagram 1360-401 Page 607

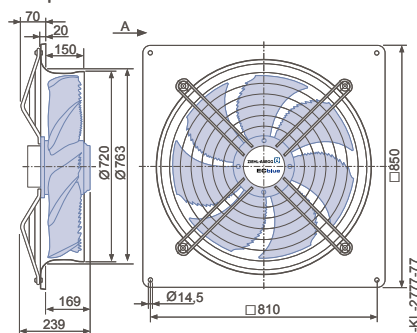
System components Page 524

Airflow direction A

Design Q full bell mouth, square without guard grill



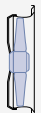
Design Q full bell mouth, square with contact protection



	curve	n [min ⁻¹]		I [A]	power P _{sys} [W]	sound power level L _{WAS} [dB]	media tempera- ture t _R [°C]
FN071-ZI_GG_7P4	I	1300	①	7.60	2900		50
		1300	②	7.60	2900	91	
		1300	③	5.60	2100	82	
	II	1200	④	7.60	2900		60
		1200	⑤	6.00	2300	88	
		1200	⑥	4.40	1650	79	
	III	1040	⑦	5.40	2000		
		1040	⑧	3.90	1450	84	
		1040	⑨	2.90	1100	75	
	IV	780	⑩	2.30	880		
		780	⑪	1.70	620	76	
		780	⑫	1.30	480	68	
	V	520	⑬	0.82	280		
		520	⑭	0.64	200	65	
		520	⑮	0.56	160	60	

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	FN071-ZIQ.GG.A7P4	FN071-ZIQ.GG.A7P4	FN071-ZIQ.GG.V7P4
Basic electronics			
Article no.	159838	159840	159832
Premium electronics			
Article no.	159839	159841	159833
Weight [kg]	37.50	41.00	41.00

Control technology

Control module	Operating terminal	Expansion module
		
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Airflow direction V

Design Q - square, full bell mouth

