



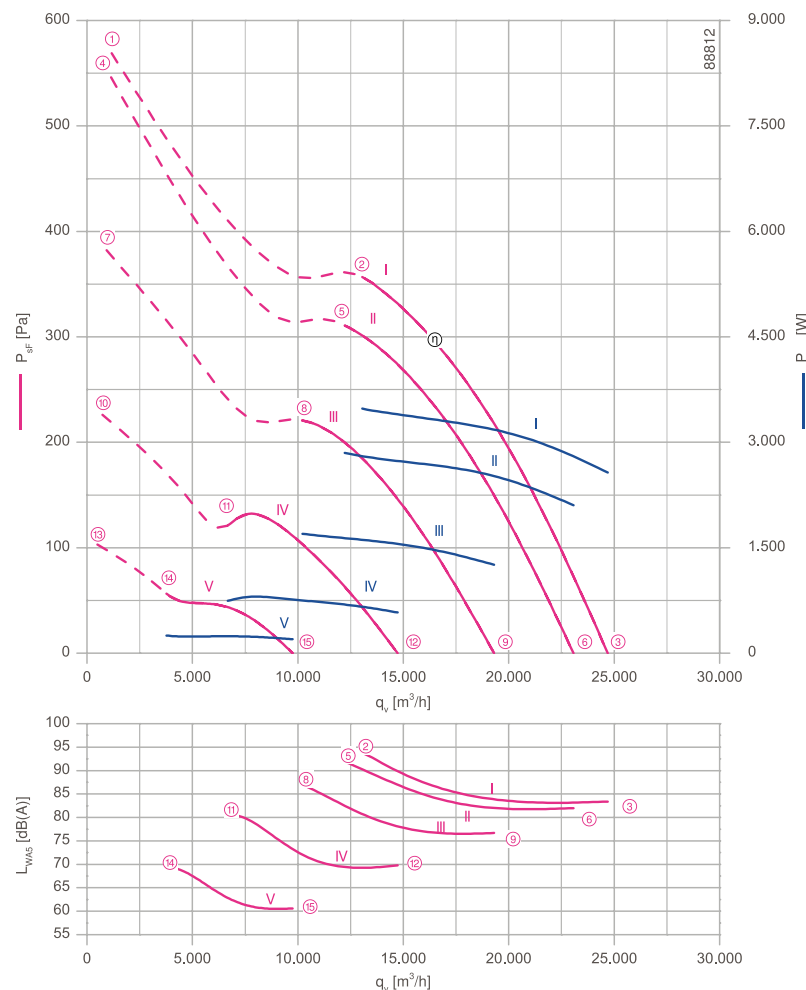
Description

Motor technology: EC
 Rated voltage U: 3~ 200-240 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 3.50 kW*
 Rated current I: 10.60- 8.80 A*
 Rated speed n_{max} : 1400 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} : 44.4 %
 Efficiency: $N_{actual} = 47.5 / N_{target} = 40^{**}$
 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.

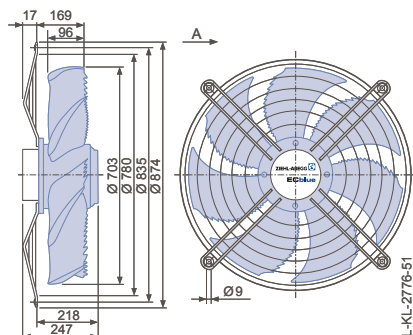
Connection diagram 1360-401 Page 607

System components Page 524

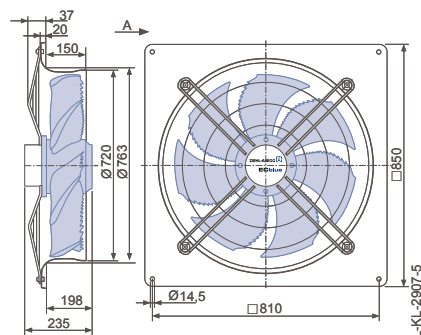
Dimensions [mm]

Airflow direction A

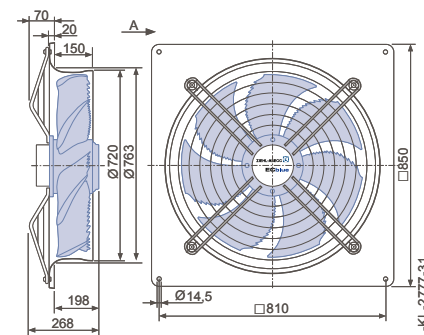
Design D - axial bolted, suspension for full bell mouth Q and L



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_GL_7P4	I	1400	①	11.00	4200		55
		1400	②	9.20	3500	94	
		1400	③	6.80	2600	83	
	II	1310	④	10.50	4000		60
		1310	⑤	7.60	2900	92	
		1310	⑥	5.60	2100	82	
	III	1100	⑦	6.20	2300		
		1100	⑧	4.40	1700	87	
		1100	⑨	3.30	1250	77	
	IV	840	⑩	2.80	1050		
		840	⑪	2.10	780	79	
		840	⑫	1.55	580	70	
	V	560	⑬	0.98	340		
		560	⑭	0.76	250	68	
		560	⑮	0.64	200	61	

Current values determined at 230V

Fan ordering information

Airflow direction A

Airflow direction V

Design	D	Q (without contact protection)	Q (with contact protection)	Q	S	I
						
Type	FN071-ZID.GL.A7P4	FN071-ZIQ.GL.A7P4	FN071-ZIQ.GL.A7P4	FN071-ZIQ.GL.V7P4	FN071-ZIS.GL.V7P4	FN071-ZII.GL.V7P4
Basic electronics						
Article no.	155701	155703	155705	155697	155693	155695
Premium electronics						
Article no.	155702	155704	155706	155698	155694	155696
Weight [kg]	30.70	41.70	45.20	45.10	34.30	34.00

Control technology

Control module

Operating terminal

Expansion module



Page 540



Page 551



Page 550

Airflow direction V

Design Q - square, full bell mouth

Design S - radially bolted, mounting for full bell mouth Q and L

Design I - axial bolted, mounting for bell mouth flange for pipe socket H or full bell mouth Q or L

