



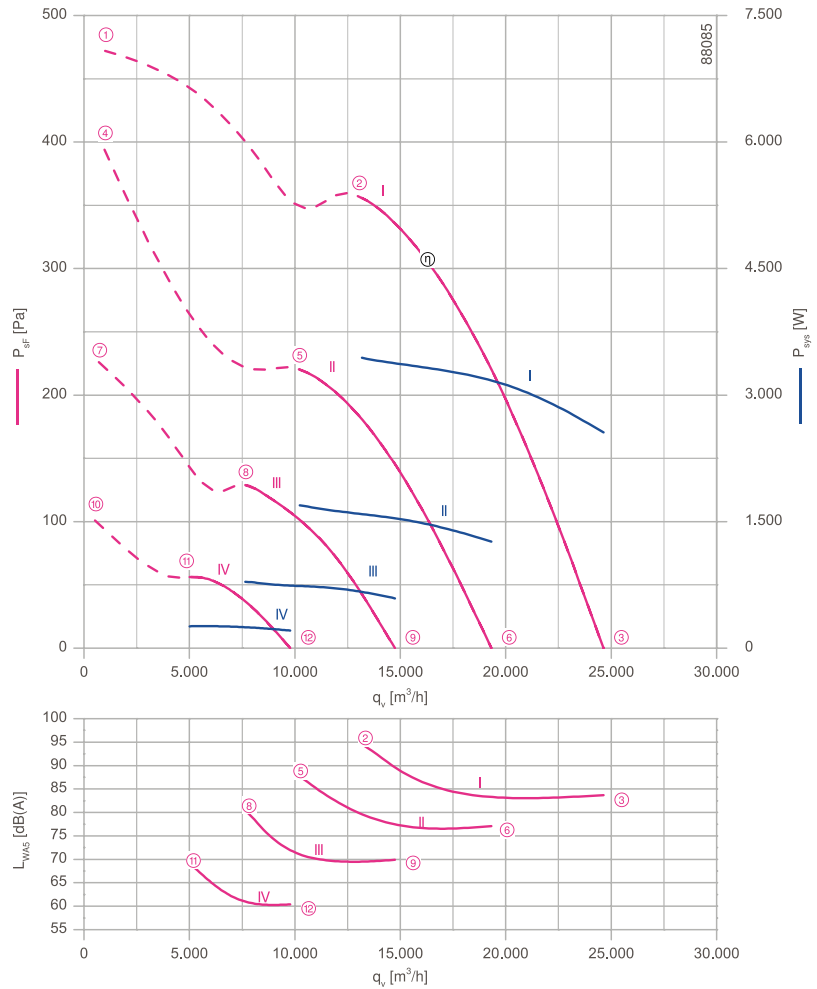
Description

Motor technology: EC
 Rated voltage U: 3~ 380-480 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 3.50 kW*
 Rated current I: 5.40- 4.30 A*
 Rated speed n_{max} : 1400 min⁻¹*
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -35 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 60 °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} : 44.8 %
 Efficiency: $N_{actual} = 47.8 / N_{target} = 40^{**}$
 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.

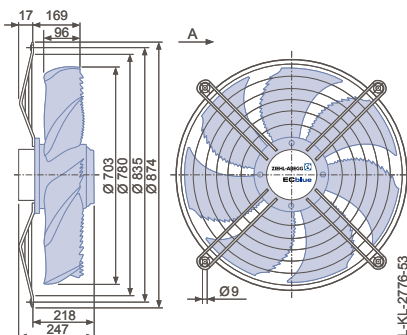
Connection diagram 1360-401 Page 607

System components Page 524

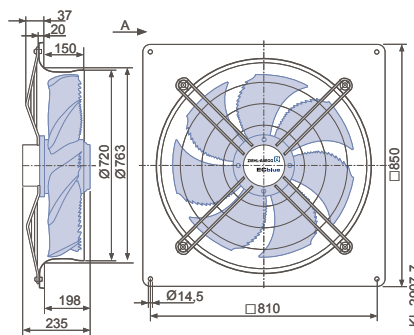
Dimensions [mm]

Airflow direction A

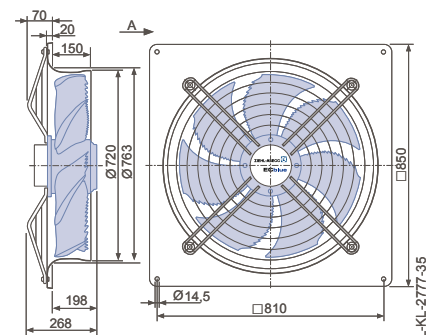
Design D - axial bolted, suspension for full bell mouth Q and L



Design Q full bell mouth, square without guard grill









Design Q full bell mouth, square with contact protection



		n [min ⁻¹]		I [A]	P _{sys} [W]	power level L _{WA5} [dB]
FN071-ZL_GL_7P4	I	1400	①	4.80	3100	
		1400	②	5.20	3500	95
		1400	③	3.90	2600	84
	II	1100	④	3.50	2300	
		1100	⑤	2.60	1700	88
		1100	⑥	1.95	1250	77
	III	840	⑦	1.70	1050	
		840	⑧	1.30	780	80
		840	⑨	1.00	600	70
	IV	560	⑩	0.72	350	
		560	⑪	0.60	260	69
		560	⑫	0.50	210	60

Current values determined at 400V

Fan ordering information

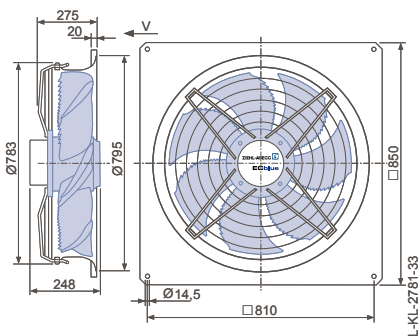
	Airflow direction A			Airflow direction V		
Design	D	Q (without contact protection)	Q (with contact protection)	Q	S	I
						
Type	FN071-ZID.GL.A7P4	FN071-ZIQ.GL.A7P4	FN071-ZIQ.GL.A7P4	FN071-ZIQ.GL.V7P4	FN071-ZIS.GL.V7P4	FN071-ZII.GL.V7P4
Basic electronics						
Article no.	154918	154922	154926	154910	154996	154906
Premium electronics						
Article no.	154919	154923	154927	154911	154997	154907
Weight [kg]	30.70	41.70	45.20	45.10	34.30	34.00

Control technology

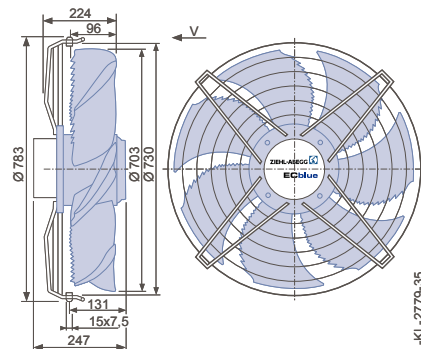
Control module	Operating terminal	Expansion module
		
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Airflow direction V

Design Q - square, full bell mouth



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



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

