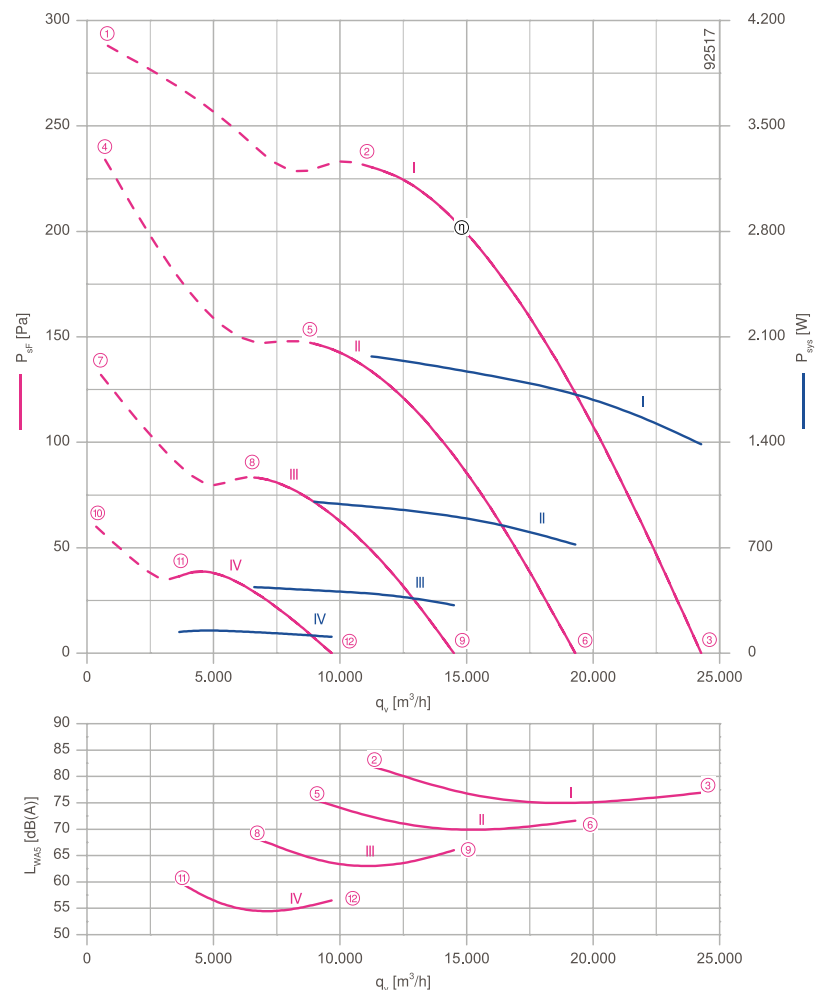




Description

Motor technology: EC
 Rated voltage U: 3~ 380-480 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 1.95 kW*
 Rated current I: 3.30-2.60 A*
 Rated speed n_{max} : 950 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} : 48.7 %
 Efficiency: $N_{actual} = 53.4 / N_{target} = 40^{**}$
 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.

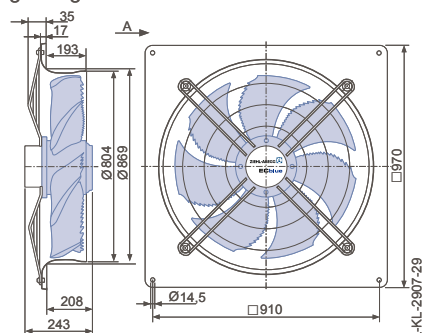
Connection diagram 1360-401 Page 607

System components Page 524

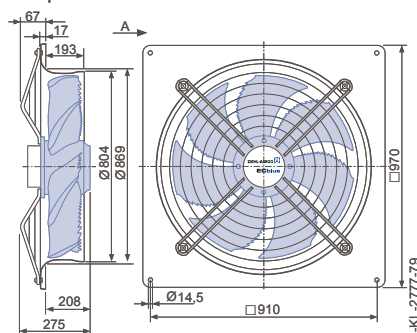
Dimensions [mm]

Airflow direction A

Design Q full bell mouth, square without guard grill



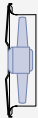
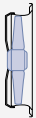
Design Q full bell mouth, square with contact protection



		n [min ⁻¹]		I [A]	P _{sys} [W]	power level L _{WAS} [dB]
FN080-ZI_GG_7P3	I	950	①	3.00	1900	
		950	②	3.10	1950	82
		950	③	2.20	1400	77
	II	760	④	2.20	1400	
		760	⑤	1.70	1000	76
		760	⑥	1.25	720	72
	III	570	⑦	1.05	580	
		570	⑧	0.84	440	68
		570	⑨	0.66	320	66
	IV	380	⑩	0.46	190	
		380	⑪	0.39	140	58
		380	⑫	0.32	110	57

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	FN080-ZIQ.GG.A7P3	FN080-ZIQ.GG.A7P3	FN080-ZIQ.GG.V7P3
Basic electronics			
Article no.	154809	154813	154944
Premium electronics			
Article no.	154810	154814	154945
Weight [kg]	49.90	49.70	47.70

Control technology

Control module	Operating terminal	Expansion module
		
Page 540	Page 551	Page 550

Airflow direction V

Design Q - square, full bell mouth

