



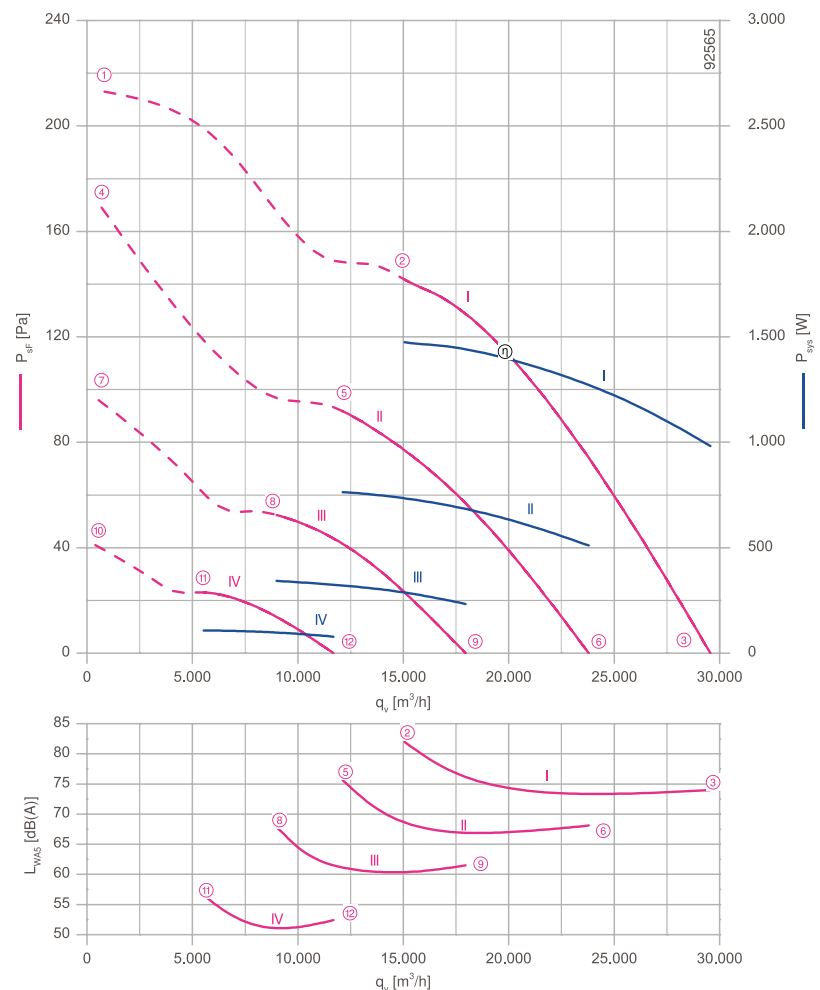
Description

Motor technology: EC
 Rated voltage U: **3~ 380-480 V***
 Rated frequency f: **50/60 Hz***
 Motor input power P_{sys} : **1.50 kW***
 Rated current I: **2.60- 2.00 A***
 Rated speed n_{max} : **710 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: 5
 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_{stat} : **49.9 %**
 Efficiency: $N_{actual} = 55.4 / N_{target} = 40^{**}$
 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.

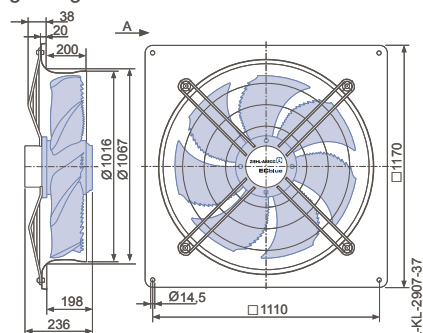
➤ Connection diagram 1360-401 Page 607

➤ System components Page 524

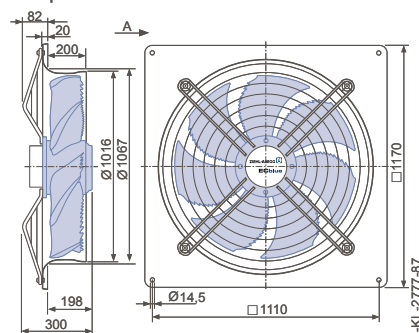
Dimensions [mm]

Airflow direction A

Design Q full bell mouth, square without guard grill



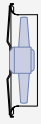
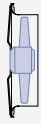
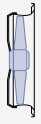
Design Q full bell mouth, square with contact protection



		n [min ⁻¹]		I [A]	P _{sys} [W]	power level L _{WA5} [dB]
FN100-ZI_GG._5P1	I	710	①	2.70	1700	
		710	②	2.40	1500	82
		710	③	1.65	980	74
	II	570	④	1.95	1150	
		570	⑤	1.35	760	76
		570	⑥	0.94	520	68
	III	430	⑦	0.96	500	
		430	⑧	0.70	340	68
		430	⑨	0.52	230	62
	IV	280	⑩	0.38	150	
		280	⑪	0.30	110	55
		280	⑫	0.25	80	52

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	FN100-ZIQ.GG.A5P1	FN100-ZIQ.GG.A5P1	FN100-ZIQ.GG.V5P1	
Basic electronics				
Article no.	154881	154885	154869	
Premium electronics				
Article no.	154882	154886	154870	
Weight [kg]	51.90	56.40	56.50	

Control technology

Control module	Operating terminal	Expansion module
		
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Airflow direction V

Design Q - square, full bell mouth

