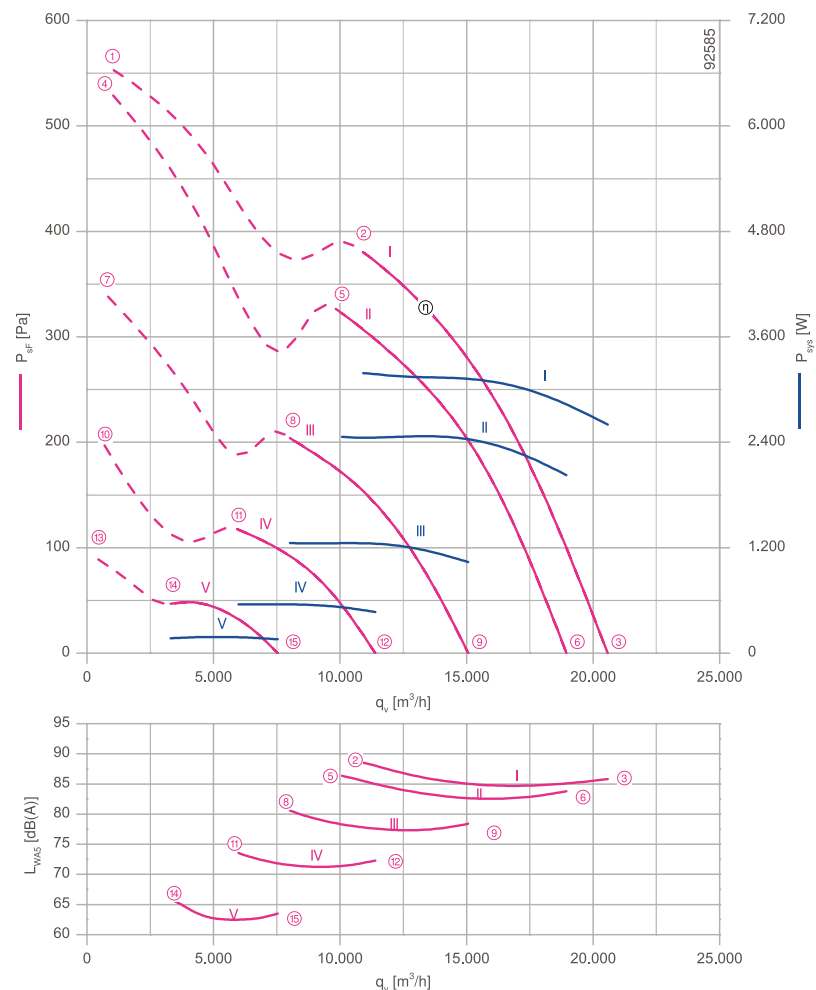




Description

Motor technology: EC
 Rated voltage U: 3~ 200-240 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 3.20 kW*
 Rated current I: 9.70-8.10 A*
 Rated speed n_{max} : 1500 min⁻¹*
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{\text{R(min)}}$: -35 °C
 Max. permitted conveyor temperature $t_{\text{R(max)}}$: 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} : 41.9 %
 Efficiency: $N_{\text{actual}} = 45.0 / N_{\text{target}} = 40^{**}$
 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.

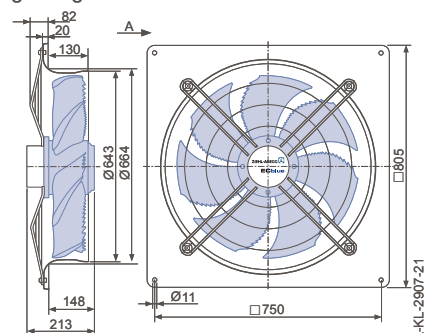
Connection diagram 1360-401 Page 607

System components Page 524

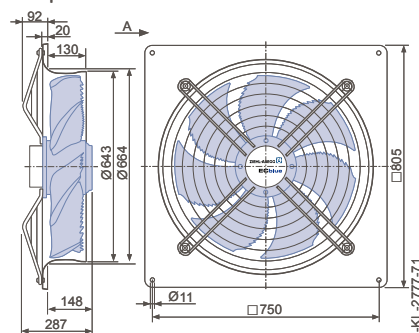
Dimensions [mm]

Airflow direction A

Design Q full bell mouth, square without guard grill



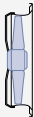
Design Q full bell mouth, square with contact protection



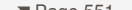
	curve	n		I	power	sound power level	media temperature
		[min ⁻¹]		[A]	P _{sys} [W]	L _{WAS} [dB]	t _R [°C]
FN063-ZI_GG_7P3	I	1500	①	8.40	3200		50
		1500	②	8.40	3200	89	
		1500	③	6.80	2600	86	
	II	1380	④	8.00	3100		60
		1380	⑤	6.60	2500	86	
		1380	⑥	5.40	2000	84	
	III	1100	⑦	4.00	1550		
		1100	⑧	3.30	1250	81	
		1100	⑨	2.80	1050	78	
	IV	830	⑩	1.85	700		
		830	⑪	1.50	560	74	
		830	⑫	1.30	460	72	
	V	550	⑬	0.70	230		
		550	⑭	0.60	180	63	
		550	⑮	0.54	160	64	

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	FN063-ZIQ.GG.A7P3	FN063-ZIQ.GG.A7P3	FN063-ZIQ.GG.V7P3
Basic electronics			
Article no.	159529	159824	159523
Premium electronics			
Article no.	159530	159825	159524
Weight [kg]	37.70	40.00	40.40

Control technology

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

Airflow direction V

Design Q - square, full bell mouth

