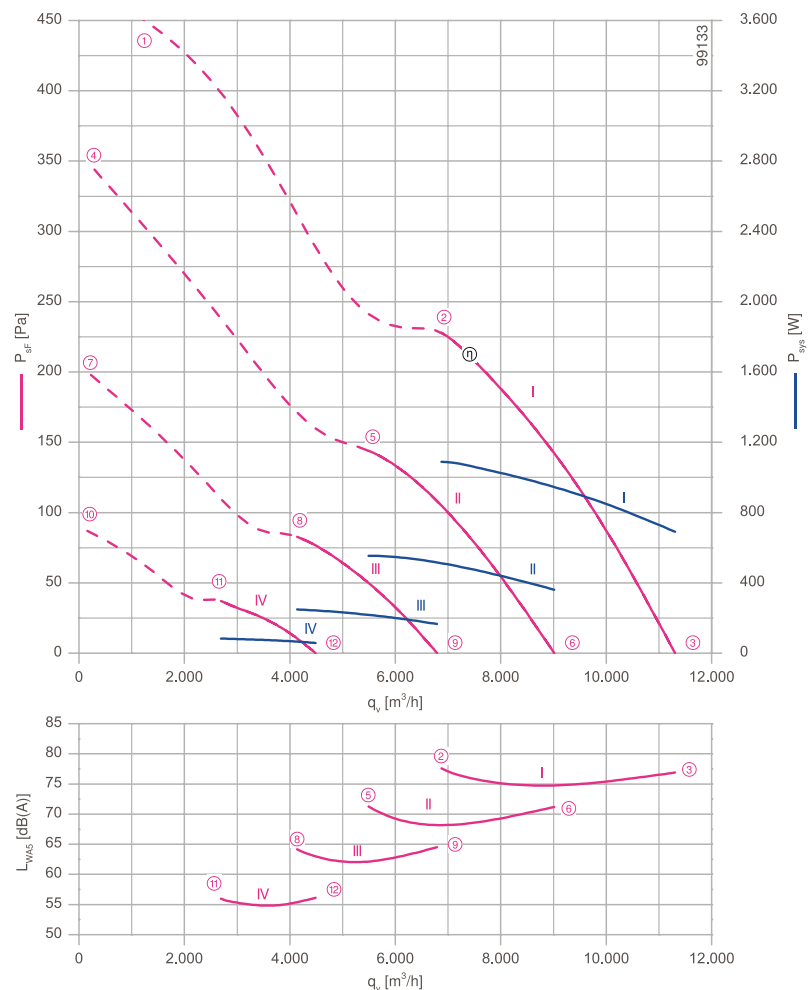




Description

Motor technology: EC
 Rated voltage U: 3~ 200-240 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 1.10 kW*
 Rated current I: 3.40- 2.80 A*
 Rated speed n_{max} : 1380 min⁻¹*
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{\text{R(min)}}$: -35 °C
 Max. permitted conveyor temperature $t_{\text{R(max)}}$: 60 °C
 Electrical connection: integrated Controller
 Number of blades: 5
 Protection class: IP54
 Motor protection: Integrated active temperature management
 Blades: High Performance Composite Material, uncoated, black
 Rotor: Steel, 2 coat paint, Ultramarine blue
 Conformity: ErP 2015, CE, UL
ErP Data
 Efficiency η_{statA} : 45.4 %
 Efficiency: $N_{\text{actual}} = 51.6 / N_{\text{target}} = 40^{**}$
 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.

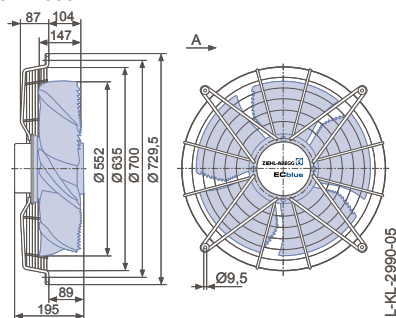
Connection diagram 1360-401 Page 607

System components Page 524

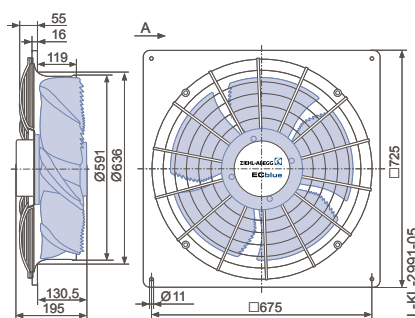
Dimensions [mm]

Airflow direction A

Design W - axial bolted, mounting for short bell mouth E



Design Q - square, full bell mouth



	curve	n [min ⁻¹]		I [A]	power P _{sys} [W]	sound power level L _{WAS} [dB]	media tempera- ture t _R [°C]
FN056-ZI_.DC_.5P4	I	1380	①	3.90	1450		60
		1380	②	2.90	1100	78	
		1380	③	1.90	700	77	
	II	1100	④	2.40	900		70
		1100	⑤	1.55	560	72	
		1100	⑥	1.05	360	71	
	III	830	⑦	1.15	390		
		830	⑧	0.78	250	64	
		830	⑨	0.60	170	65	
	IV	550	⑩	0.50	120		
		550	⑪	0.38	85	56	
		550	⑫	0.31	60	56	

Current values determined at 230V

Fan ordering information

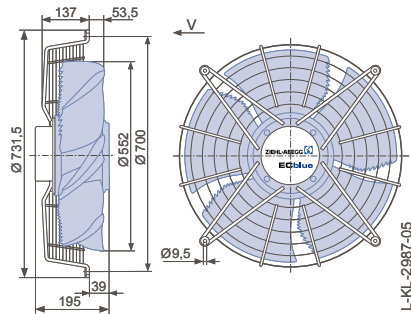
Airflow direction A				Airflow direction V	
Design	W	Q		K	Q
					
Type	FN056-ZIW.DC.A5P4	FN056-ZIQ.DC.A5P4		FN056-ZIK.DC.V5P4	FN056-ZIQ.DC.V5P4
Basic electronics					
Article no.	162053	162051		162059	162061
Premium electronics					
Article no.	162054	162052		162060	162062
Weight [kg]	13.60	21.00		14.10	20.40

Control technology

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

Airflow direction V

Design K - axial bolted, mounted for short bell mouth E



Design Q - square, full bell mouth

