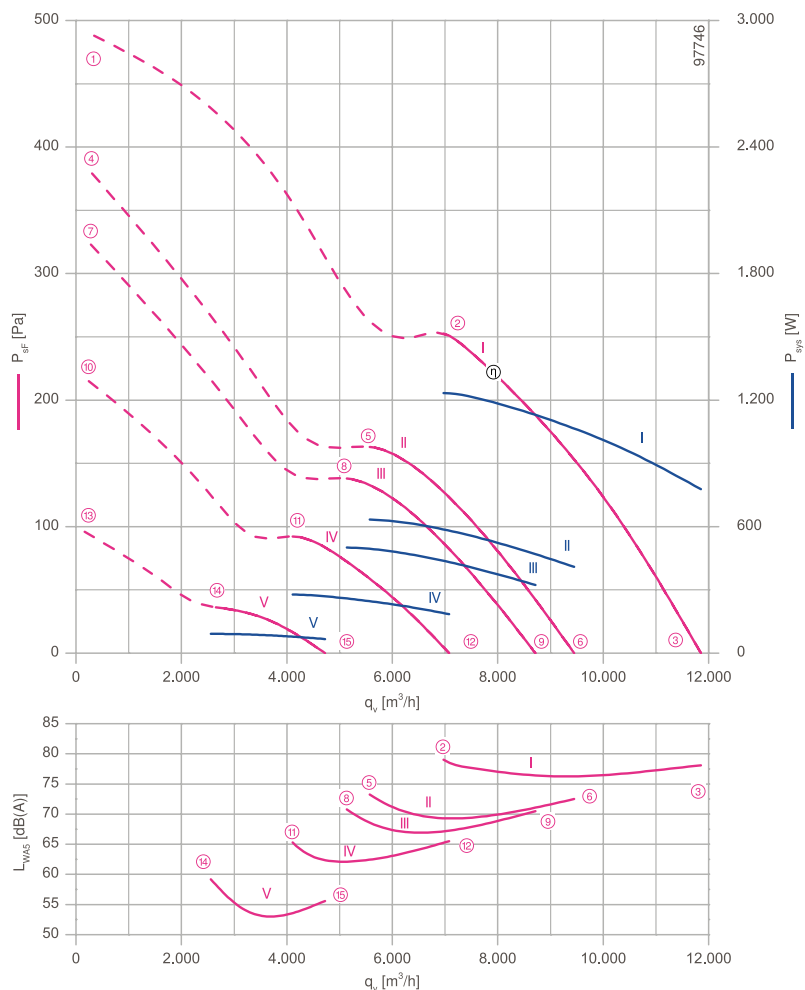




Description

Motor technology: EC
 Rated voltage U: 3~ 380-480 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 1.25 kW*
 Rated current I: 2.10- 1.65 A*
 Rated speed n_{max} : 1450 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: High Performance Composite Material, uncoated, black
 Rotor: Steel, 2 coat paint, Ultramarine blue
 Conformity: ErP 2015, CE, UL
ErP Data
 Efficiency η_{statA} : 45.2 %
 Efficiency: $N_{actual} = 51.0 / N_{target} = 40^{**}$
 EC controller integrated
 * Rated data
 **ErP 2015

Characteristic curve



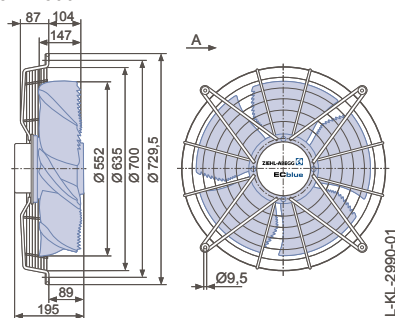
Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

- Connection diagram 1360-401 Page 607
- System components Page 524

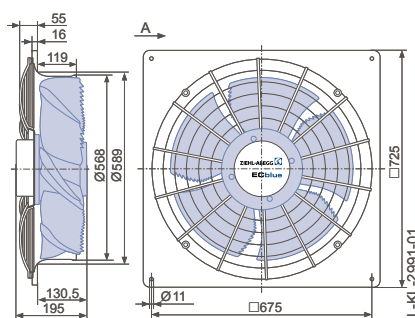
Dimensions [mm]

Airflow direction A

Design 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	1450	①	2.40	1550		60
		1450	②	1.95	1250	79	
		1450	③	1.30	780	78	
	II	1160	④	1.65	1000		
		1160	⑤	1.10	640	73	
		1160	⑥	0.80	400	73	
	III	1070	⑦	1.35	800		70
		1070	⑧	0.94	500	71	
		1070	⑨	0.72	320	71	
	IV	870	⑩	0.84	440		
		870	⑪	0.64	280	65	
		870	⑫	0.50	180	66	
	V	580	⑬	0.40	140		
		580	⑭	0.32	95	55	
		580	⑮	0.26	65	56	

Current values determined at 400V

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.	162037	162035		162043	162045
Premium electronics					
Article no.	162038	162036		162044	162046
Weight [kg]	13.60	21.00		14.10	20.40

Control technology

Control module	Operating terminal	Expansion module
		
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Airflow direction V	
Design K - axial bolted, mounted for short bell mouth E	Design Q - square, full bell mouth
