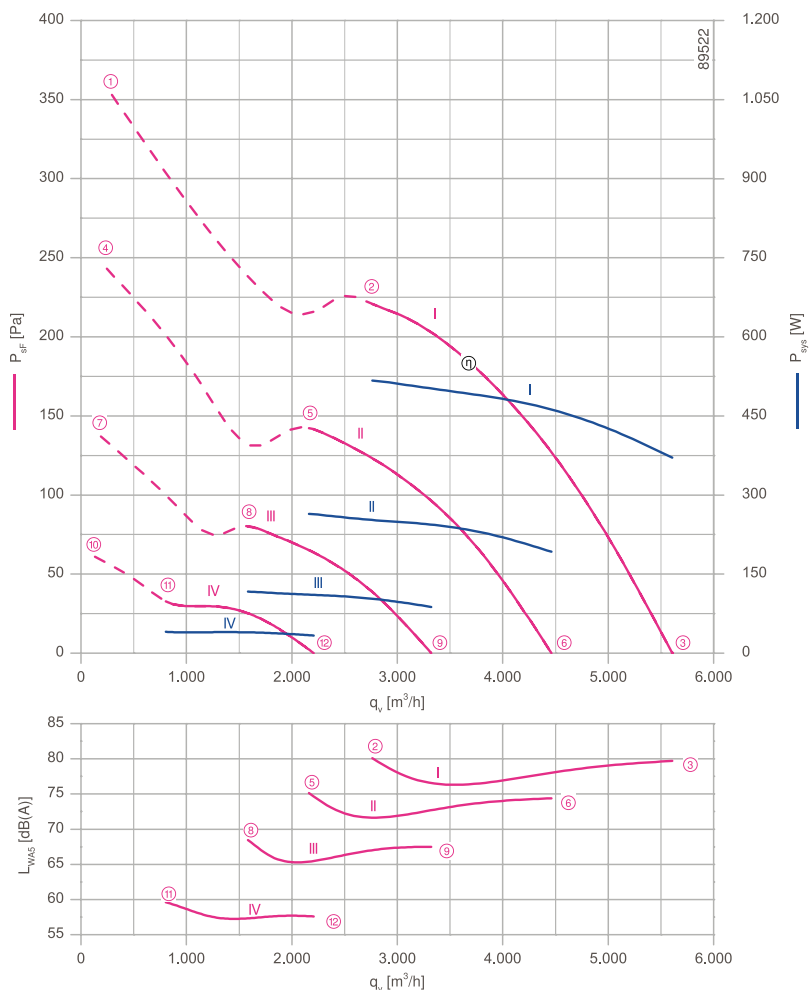




Description

Motor technology: EC
 Rated voltage U: 1~ 200-277 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 0.52 kW*
 Rated current I: 2.70- 1.95 A*
 Rated speed n_{max} : 1800 min⁻¹*
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -25 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 60 °C
 Electrical connection: Integrated controller with attached cable
 Number of blades: 7
 Protection class: IP54
 Motor protection: Integrated active temperature management
 Blades: High Performance Composite Material, uncoated, black
 Rotor: Aluminium, 1 coat paint, Ultramarine blue
 Conformity: ErP 2015, CE
ErP Data
 Efficiency η_{statA} : 43.1 %
 Efficiency: $N_{actual} = 51.4 / N_{target} = 40^{**}$
 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.

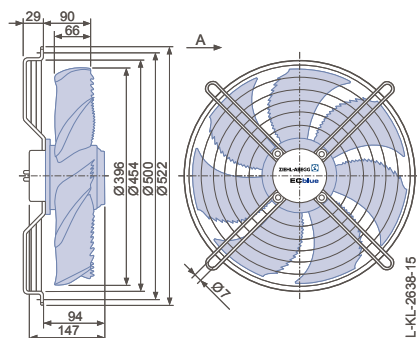
Connection diagram KT00044A Page 606

System components Page 524

Dimensions [mm]

Airflow direction A

Design D - axial bolted, suspension for full bell mouth Q and L



		n [min ⁻¹]		I [A]	P _{sys} [W]	power level L _{WA5} [dB]
FN040-6I_BF_7P2	I	1800	①	3.40	680	
		1800	②	2.40	520	81
		1800	③	1.70	370	80
	II	1440	④	1.75	370	
		1440	⑤	1.25	260	75
		1440	⑥	0.92	190	74
	III	1080	⑦	0.78	160	
		1080	⑧	0.60	120	68
		1080	⑨	0.46	90	68
	IV	720	⑩	0.31	55	
		720	⑪	0.25	42	58
		720	⑫	0.21	34	58

Current values determined at 230V

Fan ordering information

Airflow direction A		Airflow direction V	
Design	D		K
			
Type	FN040-6ID.BF.A7P2		FN040-6IK.BF.V7P2
Article no.	156247		156252
Weight [kg]	6.10		6.60

Control technology

Control module



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Airflow direction V

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

