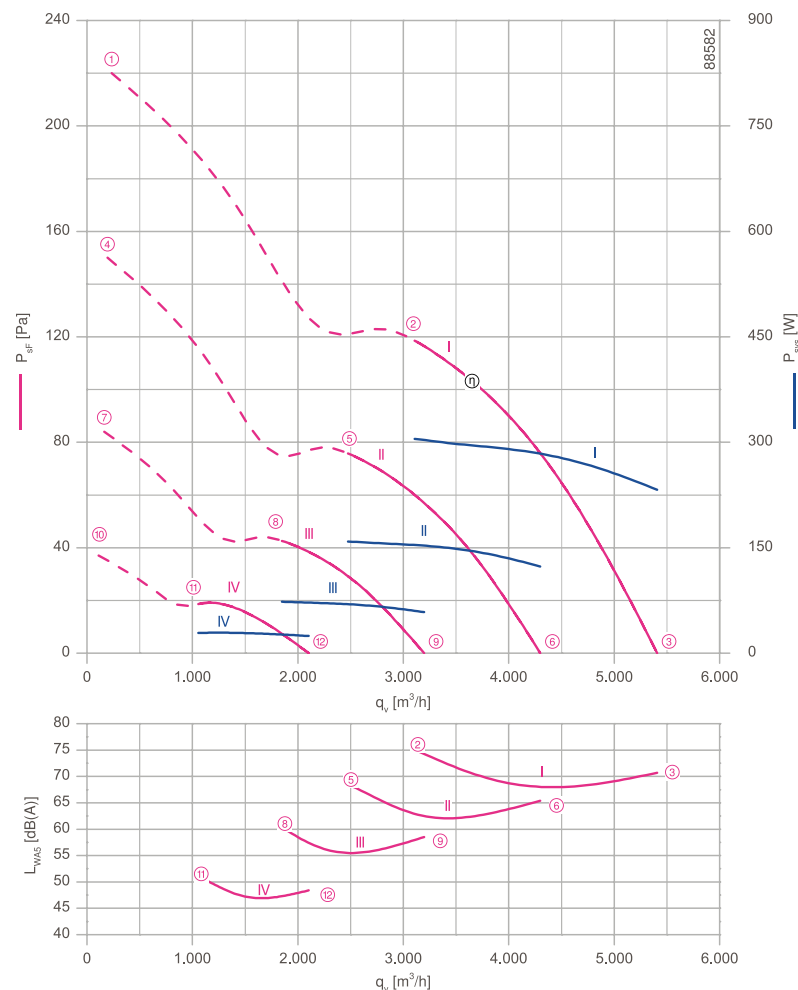




Description

Motor technology: EC
 Rated voltage U: 1~200-277 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 0.31 kW*
 Rated current I: 1.65-1.20 A*
 Rated speed n_{max} : 1300 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} : 41.0 %
 Efficiency: $N_{actual} = 50.6 / N_{target} = 40^{**}$
 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.

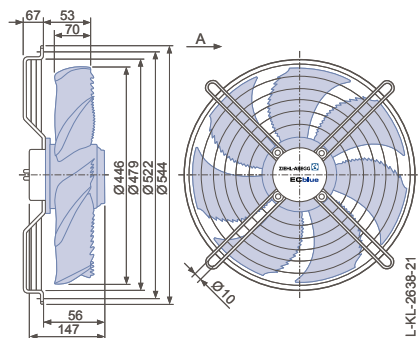
➤ Connection diagram KT00044A Page 606

➤ System components Page 524

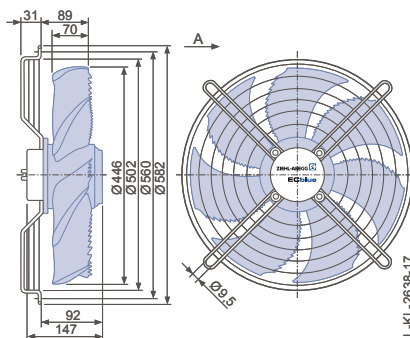
Dimensions [mm]

Airflow direction A

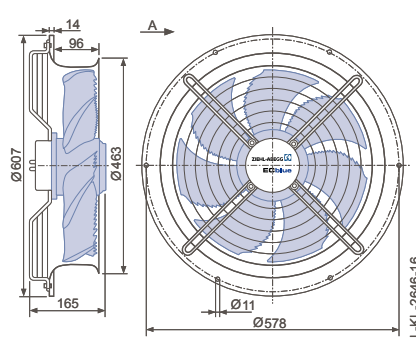
Design W - axial bolted, mounting for short bell mouth E



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



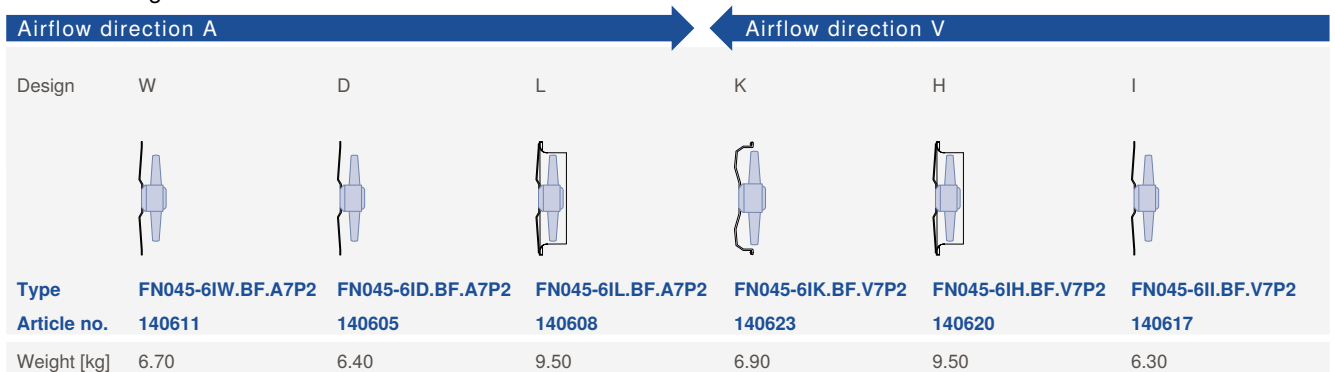
Design L - round, full bell mouth



		n [min ⁻¹]		I [A]	P _{sys} [W]	power level L _{WAS} [dB]
FN045-6I_BF_7P2	I	1300	①	1.90	420	
		1300	②	1.40	310	75
		1300	③	1.10	230	71
	II	1040	④	1.10	230	
		1040	⑤	0.78	160	69
		1040	⑥	0.62	120	65
	III	780	⑦	0.54	100	
		780	⑧	0.39	75	60
		780	⑨	0.33	60	59
	IV	520	⑩	0.23	38	
		520	⑪	0.19	28	49
		520	⑫	0.17	24	48

Current values determined at 230V

Fan ordering information



Control technology

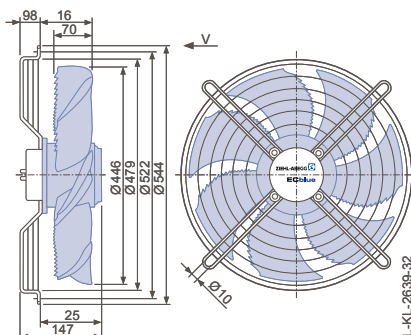
Control module



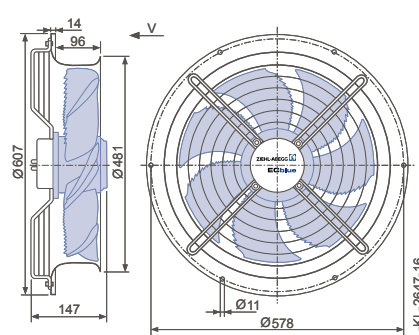
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Airflow direction V

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



Design H - pipe sockets with a flange



Design I - axial bolted, mounting for bell mouth flange for pipe socket H or full bell mouth Q or L

