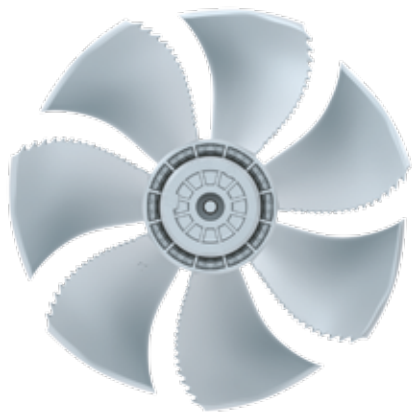




Description

Motor technology: AC
 Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Motor input power P_1 : 0.56 kW*
 Rated current I_N : 2.50 A*
 Rated speed n_N : 1320 min⁻¹*
 Starting current I_A : 6.50 A
 Current increase ΔI : 5 %
 Service capacitor C_{400V} : 14.0 μ F
 Thermal class: **THCL155***
 Min. permitted conveyor temperature $t_{R(min)}$: -25 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, uncoated
 Rotor: Aluminium, uncoated
 Conformity: ErP 2013, CE

ErP Data

Efficiency η_{statA} : 30.1 %
 Efficiency: $N_{actual} = 38.1 / N_{target} = 36^{**}$

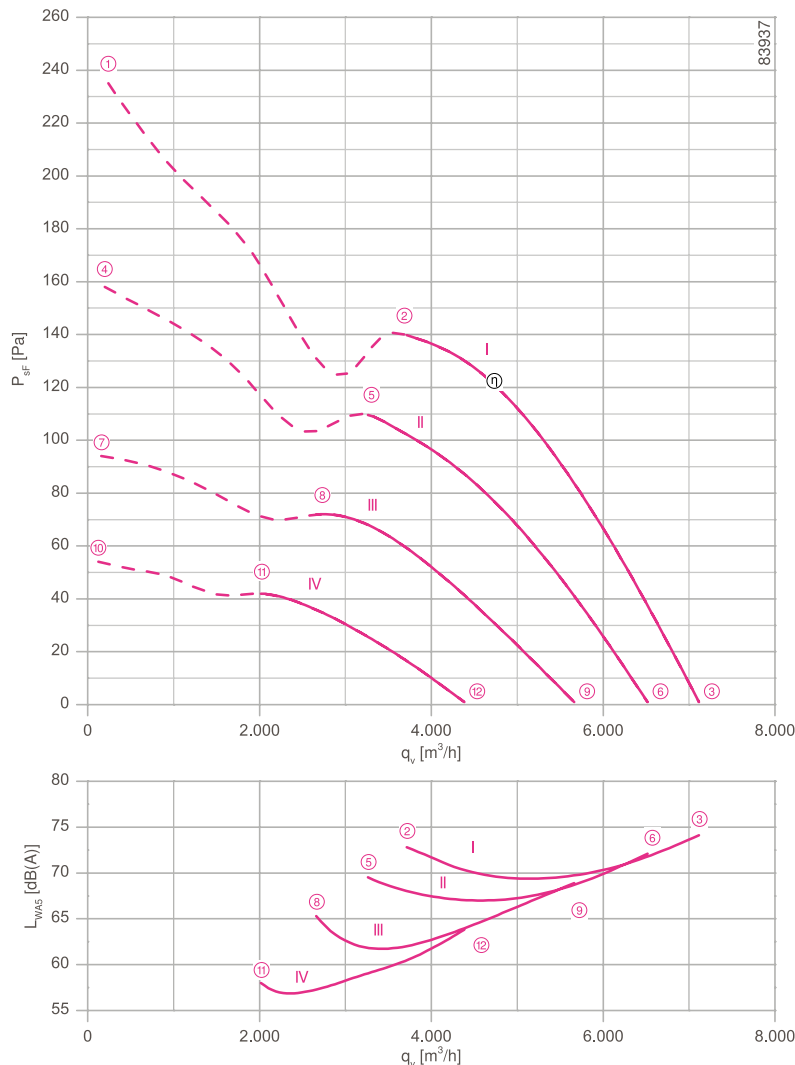
* Rated data

**ErP 2013

➤ Connection diagrams Page 608
 for airflow direction V 1360-104XA
 for airflow direction A 1360-104XB

➤ System components Page 524

Characteristic curve

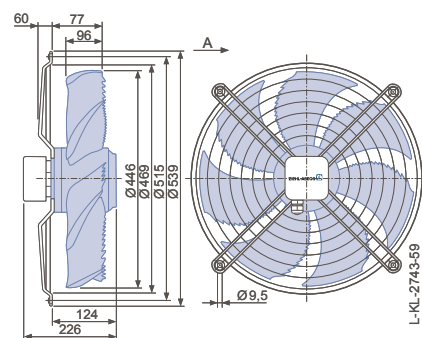


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

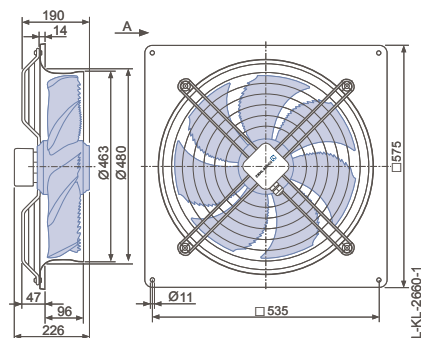
Dimensions [mm]

Airflow direction A

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

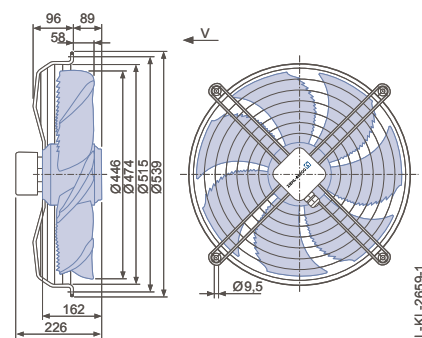


Design Q - square, full bell mouth



Airflow direction V

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



	curve	U [V]		I [A]	power P ₁ [W]	n [min ⁻¹]	power level L _{WA5} [dB]
FN045-4E_4I_7P1	I	230	①	2.90	660	1260	
		230*	②	2.50*	560*	1320*	73
		230	③	2.20	480	1360	74
	II	170	④	3.00	500	1040	
		170	⑤	2.60	440	1170	70
		170	⑥	2.30	380	1250	72
	III	135	⑦	2.90	360	800	
		135	⑧	2.60	340	960	65
		135	⑨	2.40	310	1090	69
	IV	110	⑩	2.50	250	600	
		110	⑪	2.40	240	720	58
		110	⑫	2.20	230	850	64

*rated data

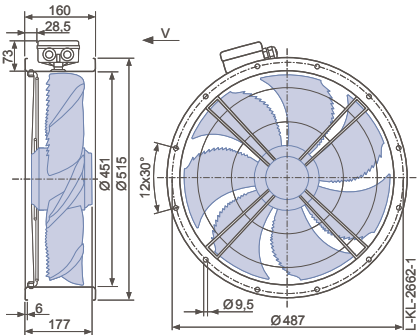
Fan ordering information

Airflow direction A ← Airflow direction V						
Design	W	Q	K	F (without contact protection)	F (with contact protection)	Q
						
Type	FN045-4EW.4I.A7P1	FN045-4EQ.4I.A7P1	FN045-4EK.4I.V7P1	FN045-4EF.4I.V7P1	FN045-4EF.4I.V7P1	FN045-4EQ.4I.V7P1
Article no.	155525	140107	140111	140119	140539	140115
Weight [kg]	12.60	16.20	12.60	15.70	16.10	16.00

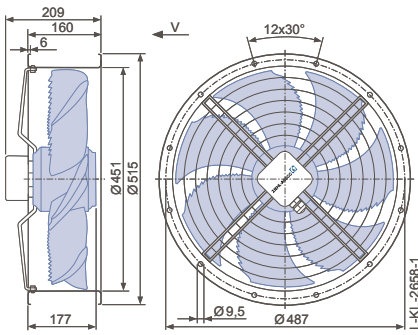
Control technology

Frequency inverter Fcontrol 1~  Page 552	Motor protection units 1~  Page 596	Transformer-based controllers 1~  Page 587	Electronic voltage controllers 1~  Page 562
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Design F - flange ring with two flanges without guard grille



Design F - flange ring with two flanges and guard grille



Design Q - square, full bell mouth

