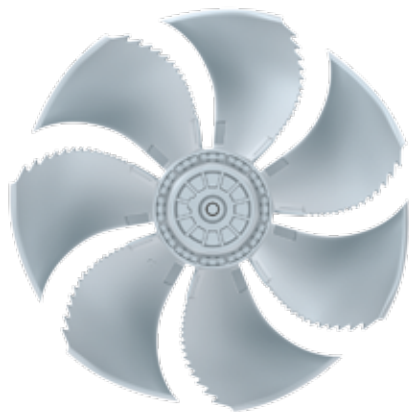




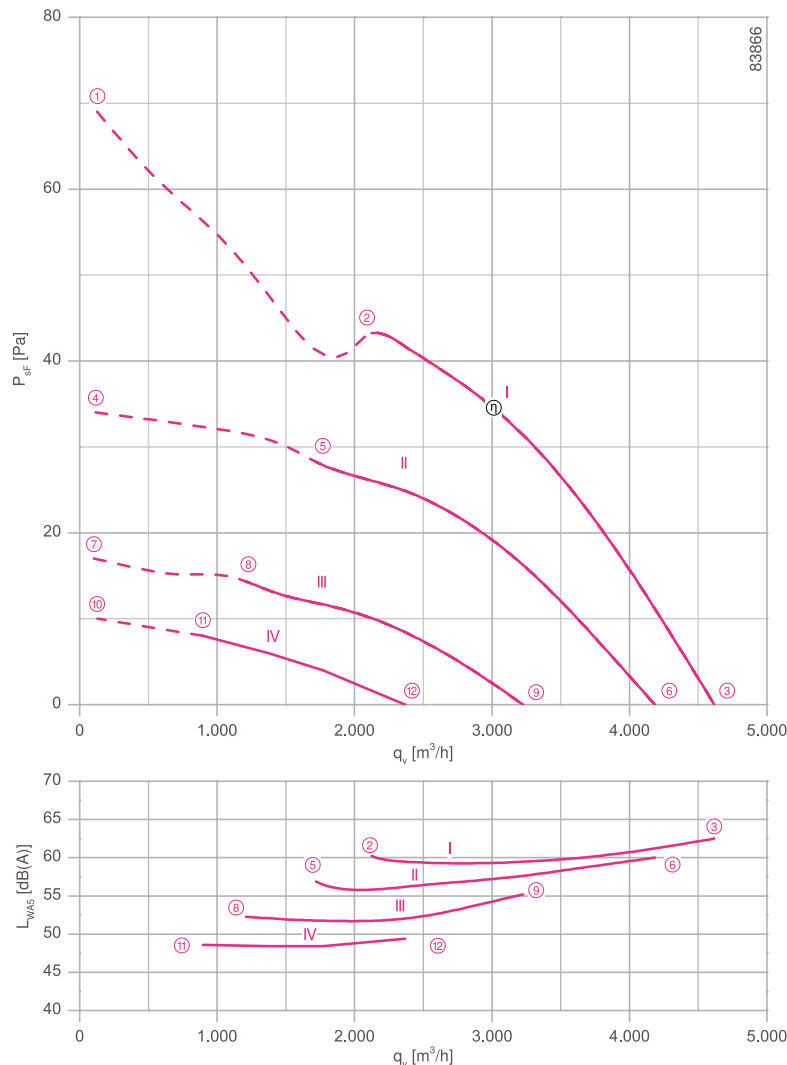
Description

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 : 0.14 kW*
 Rated current I_N : 0.68 A*
 Rated speed n_N : 660 min⁻¹*
 Starting current I_A : 1.30 A
 Current increase ΔI : 0 %
 Service capacitor C_{400V} : 3.0 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
 * Rated data

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

➤ System components Page 524

Characteristic curve

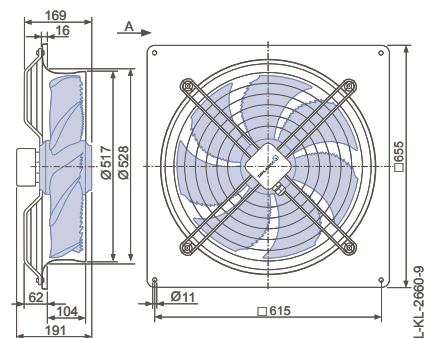


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Dimensions [mm]

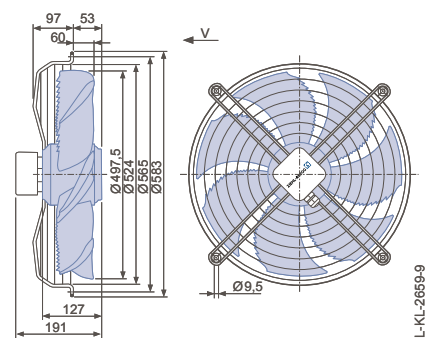
Airflow direction A

Design Q - square, full bell mouth



Airflow direction V

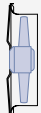
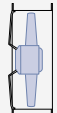
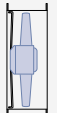
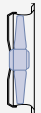
Design K - axial bolted, mounted for short bell mouth E



	curve	U [V]		I [A]	power P ₁ [W]	n [min ⁻¹]	power level L _{WA5} [dB]
FN050-8E_4C_7P1	I	230	①	0.78	170	620	
		230*	②	0.68*	140*	660*	61
		230	③	0.60	120	690	63
	II	170	④	0.78	120	440	
		170	⑤	0.68	110	540	57
		170	⑥	0.58	90	630	60
	III	135	⑦	0.66	75	310	
		135	⑧	0.62	75	390	52
		135	⑨	0.58	70	490	55
	IV	110	⑩	0.56	50	240	
		110	⑪	0.54	50	270	49
		110	⑫	0.54	50	360	49

*rated data

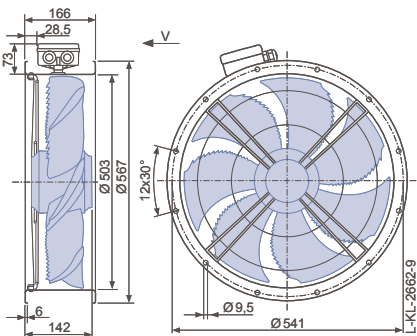
Fan ordering information

Airflow direction A					Airflow direction V				
Design	Q		K	F (without contact protection)	F (with contact protection)	Q			
									
Type	FN050-8EQ.4C.A7P1		FN050-8EK.4C.V7P1	FN050-8EF.4C.V7P1	FN050-8EF.4C.V7P1	FN050-8EQ.4C.V7P1			
Article no.	140088		140061	140072	140078	140066			
Weight [kg]	16.90		10.10	13.60	14.30	14.60			

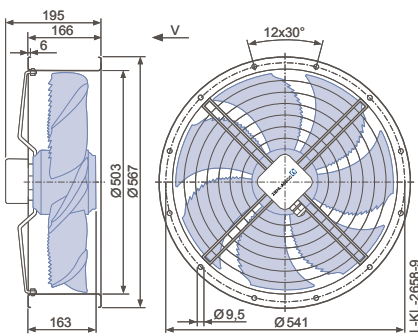
Control technology

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

