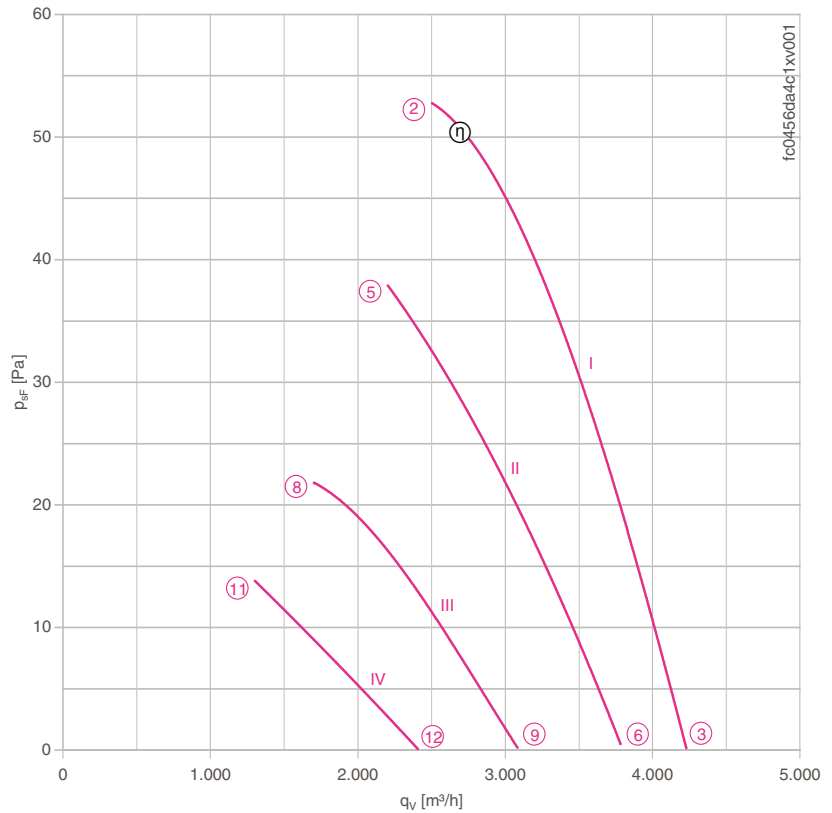




### Description

Motor technology: AC  
 Rated voltage  $U_N$ : 3~ 230/400 V ( $\Delta/Y$ )  $\pm 10$  %\*  
 Rated frequency  $f_N$ : 50 Hz\* (60Hz data available)  
 Motor input power  $P_1$ : 0.12 kW\*  
 Rated current  $I_N$ : 0.48/0.28 A\*  
 Rated speed  $n_N$ : 890 min<sup>-1</sup>\*  
 Starting current  $I_s$ : 1.30 A / 0.75 A  
 Current increase  $\Delta I$ : 0 %  
 Thermal class: THCL155\*  
 Min. permitted conveyor temperature  $t_{R(min)}$ : -40 °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, 1 coat paint, black  
 Rotor: Aluminium, 1 coat paint, black  
 Conformity: CE  
**ErP Data**  
 Is not subject to the ErP Guidelines ( $P_1 < 125$  W)  
 \* Rated data

### Characteristic curve



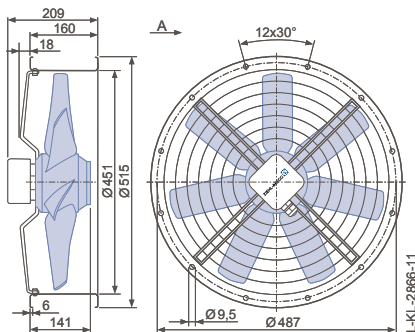
➤ Connection diagram 1360-106XB Page 608

➤ System components Page 524

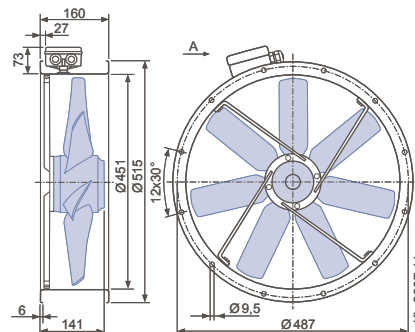
### Dimensions [mm]

#### Airflow direction A

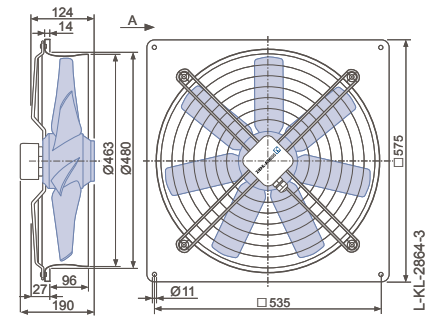
Design F - flange ring with two flanges and guard grille



Design F - flange ring with two flanges without guard grille



Design Q - square, full bell mouth



	curve	U	I	power	n	sound power level	
		[V]		[A]		$P_1$ [W]	$L_{WAS}$ [dB]
FC045-6D_4C.A7	I	400*	②	0.35*	125*	940*	69
		400	③	0.34	110	950	69
	II	230	⑤	0.32	92	790	65
		230	⑥	0.29	81	840	67
	III	180	⑧	0.31	68	620	60
		180	⑨	0.29	64	700	63
	IV	140	⑪	0.27	44	470	54
		140	⑫	0.26	43	540	57

\*rated data

## Fan ordering information

### Airflow direction A

Design	F (with contact protection)	F (without guard grille)	Q
			
<b>Type</b>	<b>FC045-6DF.4C.A7</b>	<b>FC045-6DF.4C.A7</b>	<b>FC045-6DQ.4C.A7</b>
<b>Article no.</b>	<b>132231</b>	<b>132229</b>	<b>125162</b>
<b>Weight [kg]</b>	11.40	10.90	11.10

## Control technology

Frequency inverter Fcontrol 3~	Motor protection units 3~	Transformer-based controllers 3~	Electronic voltage controllers 3~
			
↗ Page 558	↗ Page 596	↗ Page 591	↗ Page 578

Information

FE2owlet  
ECblue

FE2owlet

FB

FC

System  
components

Control  
technology

Appendix