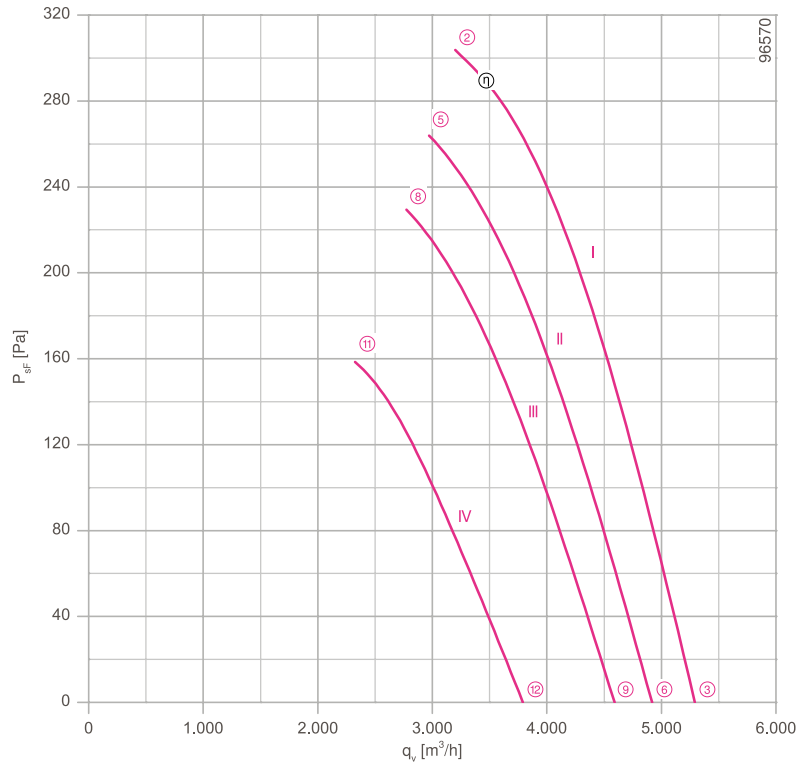




### Description

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  $P_1$ : 0.98 kW\*  
 Rated current  $I_N$ : 3.30/1.90 A\*  
 Rated speed  $n_N$ : 2900 min<sup>-1</sup>\*  
 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: 8  
 Protection class: IP54  
 Motor protection: Thermal contact  
 Blades: Aluminium, 1 coat paint, black  
 Rotor: Aluminium, 1 coat paint, black  
 Conformity: ErP 2013, CE  
**ErP Data**  
 Efficiency  $\eta_{statA}$ : 29.8 %  
 Efficiency:  $N_{actual} = 36.2 / N_{target} = 36$ \*\*  
 \* Rated data  
 \*\*ErP 2013

### Characteristic curve



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

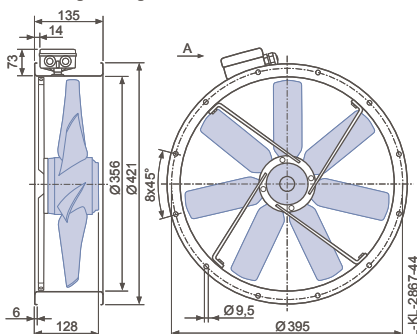
➤ Connection diagram 1360-106XA Page 608

➤ System components Page 524

### Dimensions [mm]

← Airflow direction V

Design F - flange ring with two flanges  
 without guard grille



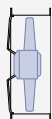
	curve	U		I	power	n	sound power level
		[V]		[A]	$P_1$ [W]	[min <sup>-1</sup> ]	$L_{WAS}$ [dB]
FC035-2D_.6K_.8	I	400*	②	1.90*	980*	2900*	94
		400	③	1.90	1000	2910	86
	II	230	⑤	2.40	880	2710	92
		230	⑥	2.50	900	2700	85
	III	190	⑧	2.80	820	2530	90
		190	⑨	2.80	840	2520	83
	IV	145	⑪	3.10	660	2110	85
		145	⑫	3.10	660	2080	78

\*rated data

## Fan ordering information

Airflow direction V

Design F (without contact protection)



Type **FC035-2DF.6K.V8**

Article no. **160073**

Weight [kg] 14.80

## Control technology

Frequency inverter  
Fcontrol 3~



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Motor protection units  
3~



Page 596

Transformer-based  
controllers 3~



Page 591

Electronic voltage  
controllers 3~



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