

Fiche produit Motralec Ziehl Abegg FC FC030 PD - fiche technique | Motralec

■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>

FC, AC technology  
Size 300

Fans for railroad engineering  
01/2017

**FC**

for three phase alternating current, 2-2 pole

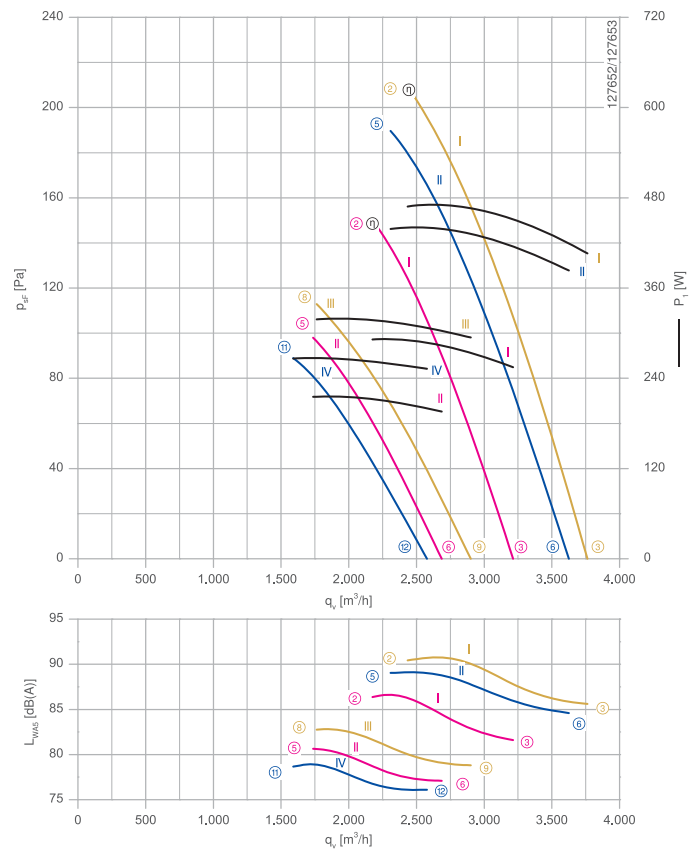
FC030-PD



**Description**

Motor technology: AC  
 Rated voltage  $U_N$ :  
**3~400 V ( $\Delta/Y$ ) | 3~400 V ( $\Delta/Y$ ) | 3~460 V ( $\Delta/Y$ ) \***  
 Rated frequency  $f_N$ : **50 Hz | 60 Hz | 60 Hz\***  
 Input power  $P_i$ :  
**290/210 W | 440/270 W | 470/320 W\***  
 Rated current  $I_N$ :  
**0,53/0,33 A | 0,69/0,42 A | 0,67/0,43 A\***  
 Rated speed  $n_N$ :  
**2740/2220 min<sup>-1</sup> | 3010/2080 min<sup>-1</sup> | 3170/2340 min<sup>-1</sup>\***  
 Starting current  $I_A$ : **2,40/0,80 A | 2,20/0,75 A | 2,60/0,85 A**  
 Current increase  $\Delta I$ : **10 % | 5 % | 10 %**  
 Thermal class: THCL155\*  
 Min. permitted ambient temperature  $t_{R(min)}$ : **-40 °C\*\*\***  
 Max. permitted ambient temperature  $t_{R(max)}$ :  
**70 °C | 60 °C | 60 °C**  
 Electrical connection: Supply cable lateral-diagonal 105 cm  
 Number of blades: 8  
 Degree of protection : IP54  
 Motor protection: thermal contact  
 Blades: Aluminium, 2 coat paint, jet black  
 Rotor: Aluminium, 2 coat paint, jet black  
 Conformity: CE  
 \* Rated data  
 \*\*\* Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

**Characteristic curve**



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

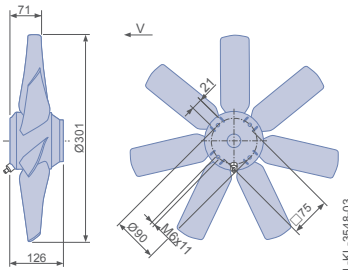
Connection diagram

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1360-108XA

**Dimensions mm**



Design A - without mounting



Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level	
			U V	f Hz		I A	P <sub>i</sub> W	n min <sup>-1</sup>	L <sub>WAS</sub> dB(A)	
FC030-PD_1E_8	Δ	I	400*	50	②	0.52*	290*	2730*	86	
			400		③	0.48	250	2770	82	
		Y	II		400*	⑤	0.33*	220*	2210*	81
	400				⑥	0.30	200	2320	77	
	Δ	I	460*		60	②	0.66*	460*	3170*	90
			460			③	0.58	400	3240	86
			II	400*		⑤	0.68*	440*	3020*	89
		400		⑥		0.60	380	3120	85	
		Y	III	460*		⑧	0.42*	320*	2340*	83
				460		⑨	0.39	290	2510	79
	IV		400*	⑪	0.42*	270*	2080*	79		
			400		⑫	0.39	250	2230	76	

\*rated data

### Fan ordering information

**Airflow direction V**

Design: A

Installation position: H/Vu



Type: **FC030-PDA.1E.V8**  
Article no.: **175788**

Weight kg: 4.10

FC

System components

Control technology

Appendix

[www.motralec.com](http://www.motralec.com) / [service-commercial@motralec.com](mailto:service-commercial@motralec.com) / 01.39.97.65.10 279

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## Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg FC FC030 PD



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Voir la gamme Ziehl Abegg sur notre site :

[www.motralec.com/.../ziehl-abegg](http://www.motralec.com/.../ziehl-abegg)

**DEMANDER UN PRIX >**