

Fiche produit Motralec Ziehl Abegg FC FC025 PD - fiche technique | Motralec

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

FC, AC technology
Size 250

Fans for railroad engineering
01/2017

FC

for three phase alternating current, 2-2 pole

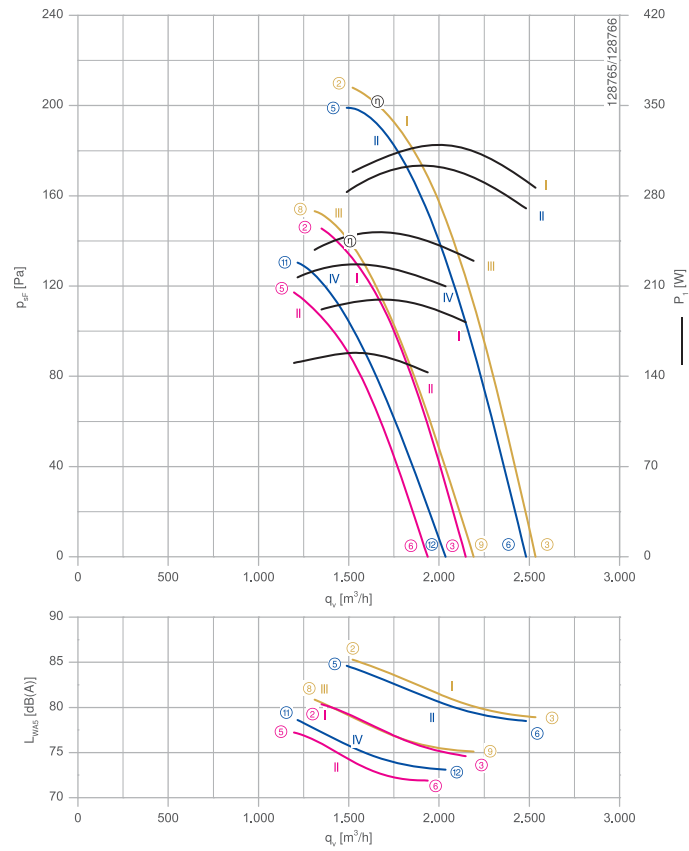
FC025-PD



Description

Motor technology: AC
 Rated voltage U_N :
 3~400 V (Δ/Y) | 3~400 V (Δ/Y) | 3~460 V (Δ/Y) *
 Rated frequency f_N : 50 Hz | 60 Hz | 60 Hz*
 Input power P_i :
 200/160 W | 310/230 W | 320/250 W*
 Rated current I_N :
 0,46/0,25 A | 0,51/0,35 A | 0,52/0,34 A*
 Rated speed n_N :
 2840/2530 min⁻¹ | 3270/2600 min⁻¹ | 3350/2830 min⁻¹*
 Starting current I_A : 2,40/0,80 A | 2,20/0,75 A | 2,60/0,85 A
 Current increase ΔI : 0 % | 20 % | 15 %
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -40 °C***
 Max. permitted ambient temperature $t_{R(max)}$:
 70 °C | 70 °C | 70 °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.

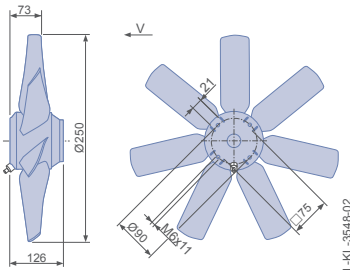
Connection diagram

Page 327
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 _i W	n min ⁻¹	L _{WAS} dB(A)	
FC025-PD_1E..8	Δ	I	400*	50	②	0.46*	190*	2850*	80	
			400		③	0.44	180	2860	75	
		Y	II		400*	⑤	0.24*	150*	2550*	77
	400				⑥	0.23	140	2590	72	
	Δ	I	460*		60	②	0.50*	300*	3370*	85
			460			③	0.48	290	3380	79
		II	400*	⑤		0.48*	280*	3300*	85	
			400	⑥		0.46	270	3310	79	
		Y	III	460*		⑧	0.32*	240*	2890*	81
				460		⑨	0.31	230	2930	75
	IV	⑪	0.33*	220*	2670*	79				
		⑫	0.32	210	2720	73				

*rated data

Fan ordering information

Airflow direction V

Design A

Installation position H/Vu



Type **FC025-PDA.1E.V8**
Article no. **175787**

Weight kg 4.00

FC

System components

Control technology

Appendix

www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10  277

Fiche produit Motralec Ziehl Abegg FC FC025 PD - fiche technique | Motralec

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

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

Ventilateur Ziehl Abegg FC FC025 PD



4,7/5 . +600 avis Google

- Devis rapide et conseil technique par nos spécialistes
- Plus de 200 000 références et 30 marques distribuées
- Vente, réparation, bobinage et SAV en atelier
- Livraison partout en France, accompagnement avant et après-vente

Voir la gamme Ziehl Abegg sur notre site :

www.motralec.com/.../ziehl-abegg

DEMANDER UN PRIX >