

Fiche produit Motralec Ziehl Abegg FC FC035 PD - fiche technique | Motralec

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

FC, AC technology
Size 350

Fans for railroad engineering
01/2017

FC

for three phase alternating current, 2-2 pole

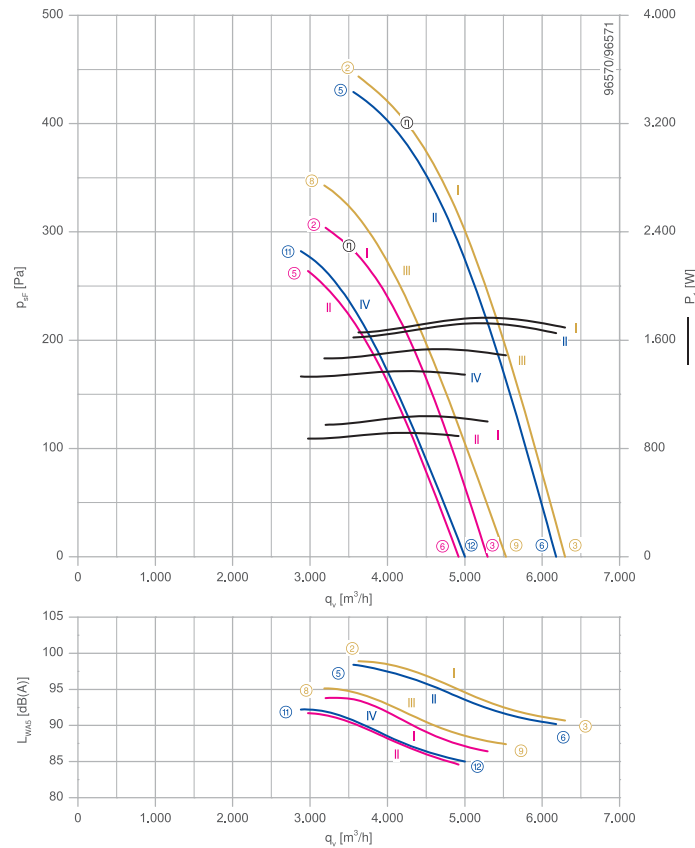
FC035-PD



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 :
 1.05/0.94 kW | 1.75/1.40 kW | 1.8/1.55 kW*
 Rated current I_N :
 2.00/1.50 A | 2.80/2.40 A | 2.60/2.30 A*
 Rated speed n_N :
 2900/2700 min⁻¹ | 3400/2770 min⁻¹ | 3470/3050 min⁻¹*
 Current increase ΔI : 60 % | 50 % | 50 %
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -40 °C***
 Max. permitted ambient temperature $t_{R(max)}$:
 70 °C | 45 °C | 45 °C
 Electrical connection: Supply cable lateral 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.

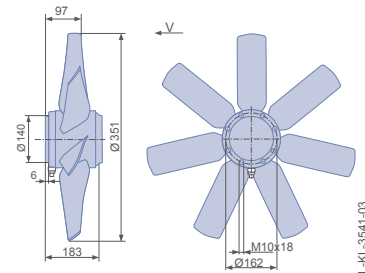
Connection diagram

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)		
FC035-PD_6K_8	Δ	I	400*	50	②	1.90*	980*	2900*	94		
			400		③	1.90	1000	2910	86		
			400*		⑤	1.40*	880*	2710*	92		
	Y	II	400		⑥	1.40	900	2700	85		
			460*		60	②	2.50*	1650*	3470*	99	
			460			③	2.50	1700	3460	91	
	400*	⑤	2.60*	1600*		3400*	98				
	Δ	I	400	⑥		2.70	1650	3400	90		
			460*	Y		III	⑧	2.10*	1450*	3040*	95
			460				⑨	2.10	1500	3030	87
	400*	IV	⑪		2.30*		1350*	2770*	92		
	400		⑫	2.30	1350	2750	85				

*rated data

Fan ordering information

Airflow direction V

Design: A

Installation position: H/Vu



Type: **FC035-PDA.6K.V8**
Article no.: **175791**

Weight kg: 16.80

FC

System components

Control technology

Appendix

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Ventilateur Ziehl Abegg FC FC035 PD



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

DEMANDER UN PRIX >