

Fiche produit Motralec Ziehl Abegg FC FC045 VD - fiche technique | Motralec

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

FC, AC technology
Size 450

Fans for railroad engineering
01/2017

FC

for three phase alternating current, 4-4 pole

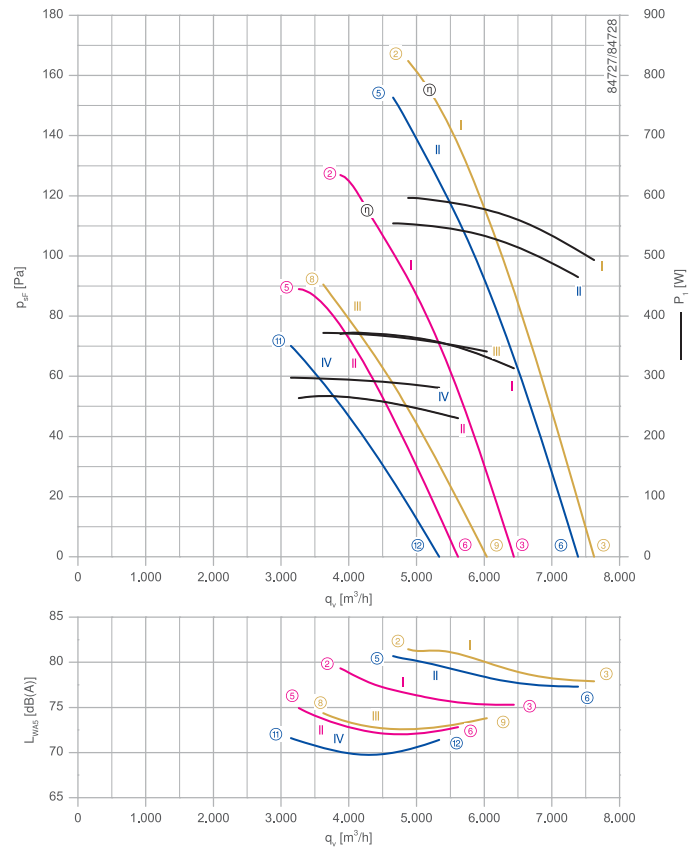
FC045-VD



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 :
 380/260 W | 560/300 W | 600/370 W*
 Rated current I_N :
 0,98/0,52 A | 1,15/0,62 A | 1,15/0,64 A*
 Rated speed n_N :
 1390/1160 min⁻¹ | 1560/1060 min⁻¹ | 1620/1200 min⁻¹*
 Current increase ΔI : 0 % | 0 % | 0 %
 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: 7
 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.

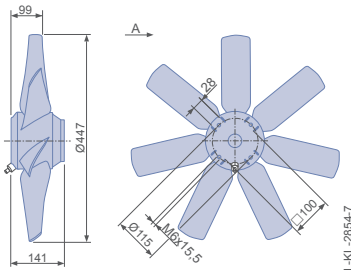
Connection diagram

Page 327
1360-108XB

Dimensions mm

Airflow direction A

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)	
FC045-VD_4F_7	Δ	I	400*	50	②	0.96*	370*	1390*	79	
			400		③	0.92	310	1410	75	
		400*	⑤		0.52*	260*	1160*	75		
	400	⑥			0.44	230	1230	73		
	Δ	I	460*		60	②	1.15*	600*	1620*	82
			460			③	1.00	500	1660	78
		400*	⑤	1.10*		560*	1560*	81		
	400	⑥		0.98		460	1610	77		
	Y	III	460*			⑧	0.64*	370*	1200*	75
			460			⑨	0.58	340	1320	74
		400*	⑪		0.60*	300*	1060*	72		
	400	⑫			0.56	280	1170	71		

*rated data

Fan ordering information

Airflow direction A 

Design A

Installation position H/Vu



Type FC045-VDA.4F.A7
Article no. 175794

Weight kg 7.40

FC

System components

Control technology

Appendix

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Ventilateur Ziehl Abegg FC FC045 VD



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

DEMANDER UN PRIX >