

Fiche produit Motralec Ziehl Abegg FC FC063 VD - fiche technique | Motralec

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

FC, AC technology
Size 630

Fans for railroad engineering
01/2017

FC

for three phase alternating current, 4-4 pole

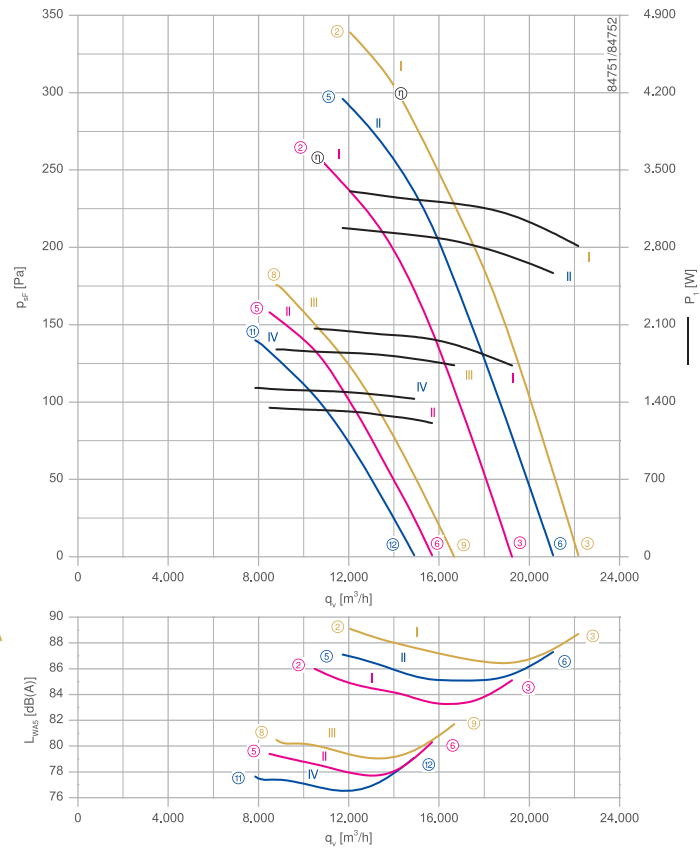
FC063-VD



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 :
2.10/1.35 kW | 3.00/1.55 kW | 3.30/1.90 kW*
 Rated current I_N :
3.80/2.30 A | 5.10/2.70 A | 5.00/2.80 A*
 Rated speed n_N :
1320/1040 min⁻¹ | 1410/970 min⁻¹ | 1500/1080 min⁻¹*
 Starting current I_A : **15.00/4.60 A | 14.00/4.20 A | 16.00/5.00 A**
 Current increase ΔI : **5 % | 0 % | 5 %**
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: **-40 °C*****
 Max. permitted ambient temperature $t_{R(max)}$:
70 °C | 55 °C | 55 °C
 Electrical connection: Supply cable lateral 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.

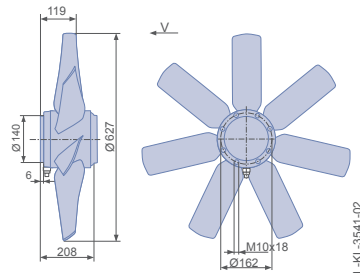
Connection diagram

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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 _i W	n min ⁻¹	L _{WAS} dB(A)	
FC063-VD_6N_7	Δ	I	400*	50	②	3.80*	2100*	1320*	86	
			400		③	3.30	1750	1360	85	
		400*	⑤		2.20*	1300*	1050*	82		
	400	⑥			2.10	1200	1110	80		
	Δ	I	460*		60	②	5.00*	3300*	1500*	89
			460			③	4.40	2800	1560	89
		400*	⑤	5.00*		3000*	1420*	88		
		400		⑥		4.40	2600	1490	87	
	Y	III	460*		⑧	2.80*	1850*	1080*	81	
			460		⑨	2.60	1750	1180	82	
		IV	400*		⑪	2.70*	1500*	970*	78	
			400		⑫	2.50	1450	1060	79	

*rated data

Fan ordering information

Airflow direction V

Design A

Installation position H/Vu



Type **FC063-VDA.6N.V7**
Article no. **175797**

Weight kg 23.80

FC

System components

Control technology

Appendix

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Ventilateur Ziehl Abegg FC FC063 VD



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Voir la gamme Ziehl Abegg sur notre site :

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

DEMANDER UN PRIX >