

Fiche produit Motralec Ziehl Abegg FC FC056 VD - fiche technique | Motralec

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

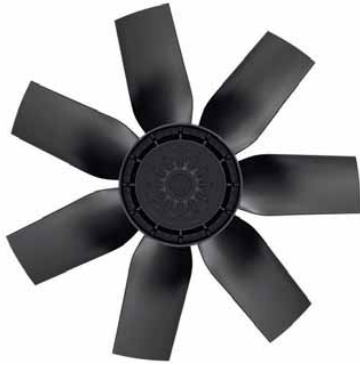
FC, AC technology
Size 560

Fans for railroad engineering
01/2017

FC

for three phase alternating current, 4-4 pole

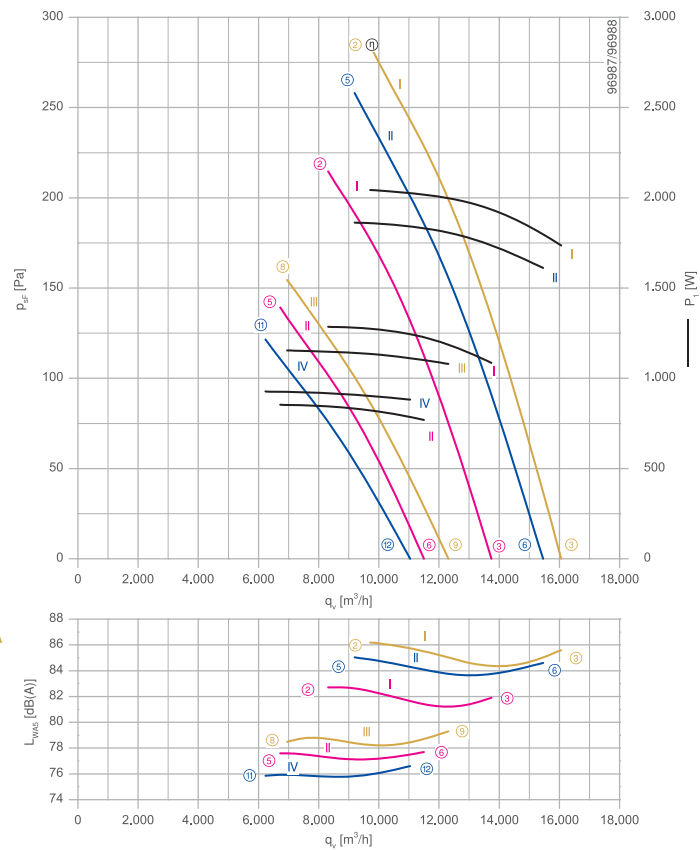
FC056-VD



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_1 :
1.30/0.92 kW | 2.00/1.20 kW | 2.10/1.30 kW*
 Rated current I_N :
2.80/1.65 A | 3.70/2.10 A | 3.70/2.10 A*
 Rated speed n_N :
1370/1140 min⁻¹ | 1520/1100 min⁻¹ | 1580/1200 min⁻¹*
 Starting current I_A : **13.00/3.80 A | 11.00/3.40 A | 13.00/4.00 A**
 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 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.

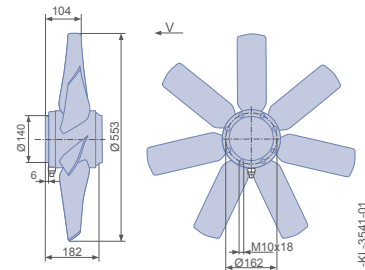
Connection diagram

Page 327
1360-108XA

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)	
FC056-VD_6K_7	Δ	I	400*	50	②	3.10*	1300*	1360*	83	
			400		③	2.90	1100	1380	82	
		400*	⑤		1.65*	860*	1100*	78		
	400	⑥			1.50	760	1170	78		
	Δ	I	460*		60	②	3.70*	2000*	1570*	86
			460			③	3.30	1750	1620	86
		400*	⑤	3.70*		1850*	1500*	85		
	400	⑥		3.30		1600	1560	85		
	Y	III	460*			⑧	2.00*	1150*	1150*	79
			460			⑨	1.85	1100	1240	79
		400*	⑪		1.90*	920*	1030*	76		
	400	⑫			1.80	880	1120	77		

*rated data

Fan ordering information

Airflow direction V

Design: A

Installation position: H/Vu



Type: **FC056-VDA.6K.V7**
Article no.: **175796**

Weight kg: 18.10

FC

System components

Control technology

Appendix

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Ventilateur Ziehl Abegg FC FC056 VD



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

DEMANDER UN PRIX >