

Fiche produit Motralec Ziehl Abegg FC FC080 VD - fiche technique | Motralec

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

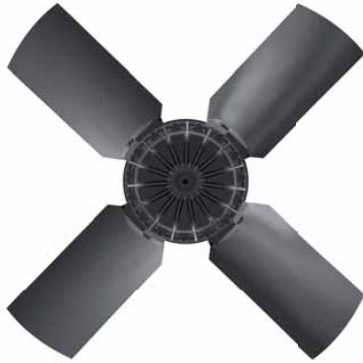
FC, AC technology  
Size 800

Fans for railroad engineering  
01/2017

FC

for three phase alternating current, 4-4 pole

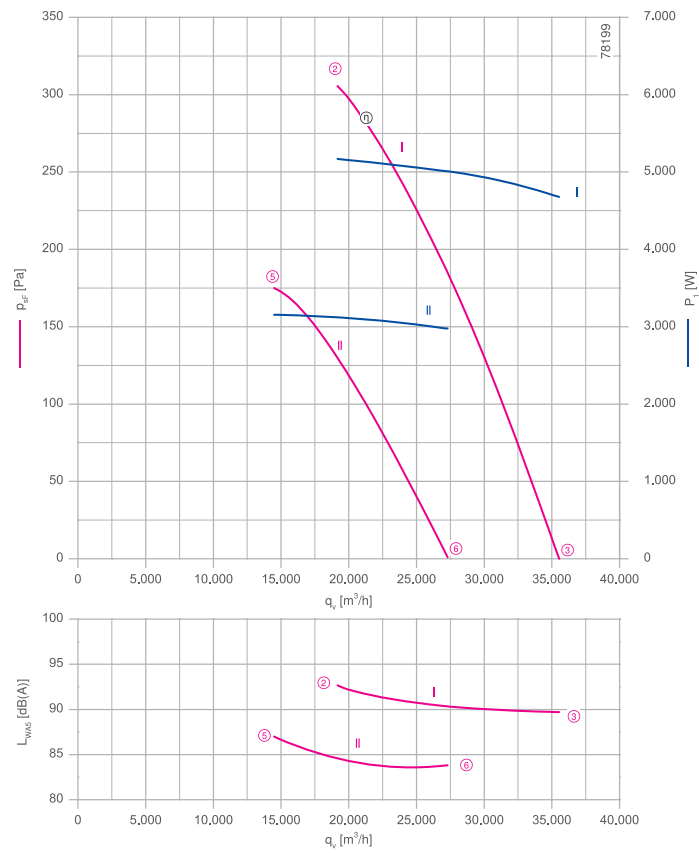
FC080-VD



Description

Motor technology: AC  
 Rated voltage  $U_N$ :  
**3~400 V ( $\Delta/Y$ )\***  
 Rated frequency  $f_N$ : **50 Hz\***  
 Input power  $P_1$ :  
**5.20/3.20 kW\***  
 Rated current  $I_N$ :  
**8.60/5.00 A\***  
 Rated speed  $n_N$ :  
**1250/940 min<sup>-1</sup>\***  
 Starting current  $I_A$ : **32.00/10.00 A**  
 Current increase  $\Delta I$ : **5 %**  
 Thermal class: THCL155\*  
 Min. permitted ambient temperature  $t_{R(min)}$ : **-40 °C\*\*\***  
 Max. permitted ambient temperature  $t_{R(max)}$ :  
**65 °C**  
 Electrical connection: Supply cable axial 105 cm  
 Number of blades: 4  
 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.

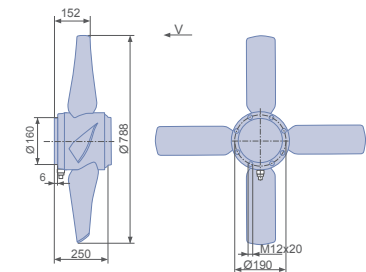
Connection diagram

Page 327  
1360-108XA

Dimensions mm



Design A - without mounting



Type	Connection	Characteristic curve	Voltage U V	Operating point	Current I A	Input power P <sub>i</sub> W	Speed n min <sup>-1</sup>	Suction side sound power level L <sub>WAS</sub> dB(A)
FC080-VD_7Q_4	Δ	I	400*	②	8.60*	5200*	1250*	93
			400	③	7.90	4700	1280	90
			400*	⑤	5.00*	3200*	940*	87
	Y	II	400	⑥	4.70	3000	990	84

\*rated data

### Fan ordering information

**Airflow direction V**

Design A

Installation position H/Vu



**Type** FC080-VDA.7Q.V4  
**Article no.** 175799

Weight kg 37.90

FC

System components

Control technology

Appendix

[www.motralec.com](http://www.motralec.com) / [service-commercial@motralec.com](mailto:service-commercial@motralec.com) / 01.39.97.65.10 299

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

Ventilateur Ziehl Abegg FC FC080 VD



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- 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](http://www.motralec.com/.../ziehl-abegg)

**DEMANDER UN PRIX >**