

Fiche produit Motralec Ziehl Abegg M Series RH50M 4D - fiche technique | Motralec

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

M-series AC technology
Size 500

Fans for railroad engineering
01/2017

M-series

for three phase alternating current, 4 pole

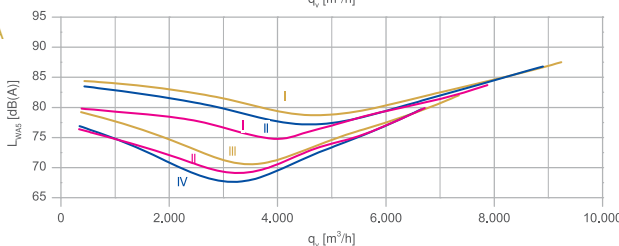
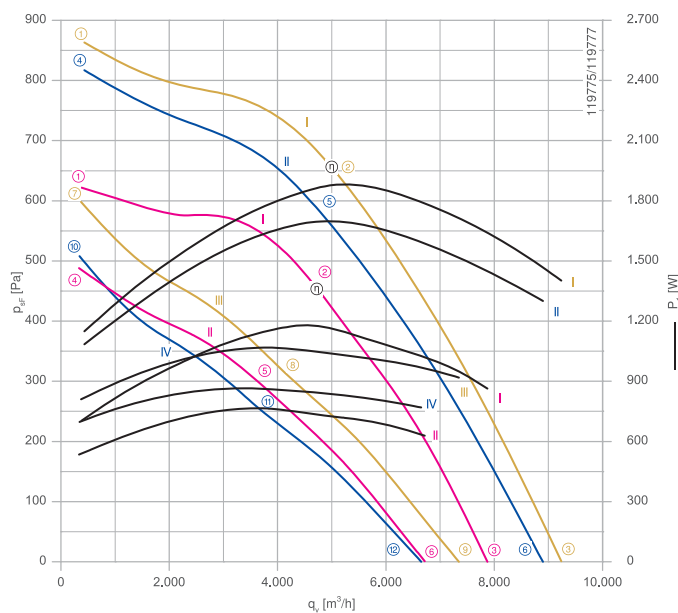
RH50M-4D



Description

Motor technology: AC
 Rated voltage U_N :
3- 230/400 V (Δ/Y) | 3-230/400 V (Δ/Y) | 3-265/460 V (Δ/Y) *
 Rated frequency f_N : **50 Hz | 60 Hz | 60 Hz***
 Input power P_i :
1.20 kW | 1.70 kW | 1.90 kW*
 Rated current I_N :
4.40/2.50 A | 5.40/3.10 A | 5.40/3.10 A*
 Rated speed n_N :
1350 min⁻¹ | 1470 min⁻¹ | 1550 min⁻¹*
 Starting current I_x : **18,00/10,00 A | 16,00/9,00 A | 19,00/11,00 A**
 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 | 65 °C | 65 °C
 Electrical connection: Supply cable side, 105cm
 Degree of protection : IP54
 Motor protection: thermal contact
 Impeller : aluminium, unpainted
 Motor: Aluminium, 1 coat paint, pebble grey
 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

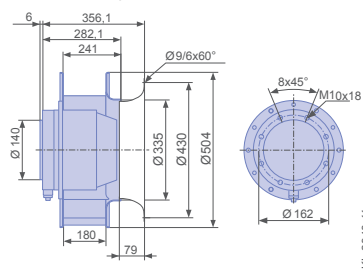


Measured with inlet ring, without guard grille according to ISO 5801

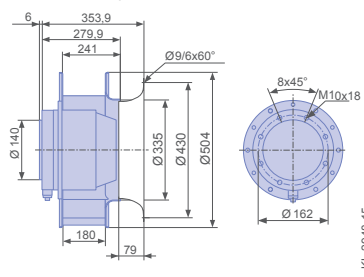
Inlet ring	00358610	RAL 7032	Page 303
		(pebble grey)	
Inlet ring	00275572	unpainted	
Connection diagram	1360-106XA		Page 327

Dimensions mm

Free-running motorized impeller RH
in installation position H/Vu




Free-running motorized impeller RH
in installation position H/Vo



Type	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)
RH50M-4DK.6K.1R	I	400	50	①	1.90	700	1420	80
		400*		②	2.50*	1200*	1350*	76
		400		③	2.10	860	1400	84
		230		④	1.70	540	1250	76
		230		⑤	2.40	760	1070	69
		230		⑥	2.00	620	1190	80
	II	460	60	①	2.20	1150	1670	84
		460*		②	3.10*	1900*	1550*	79
		460		③	2.50	1400	1630	88
		400		④	2.10	1100	1630	84
		400*		⑤	3.10*	1700*	1470*	77
		400		⑥	2.50	1300	1570	87
III	265		⑦	2.20	820	1390	79	
	265		⑧	2.90	1050	1140	72	
	265		⑨	2.50	920	1300	82	
IV	230		⑩	2.20	700	1290	77	
	230		⑪	2.80	860	1030	68	
	230		⑫	2.40	760	1180	80	

*rated data

Fan ordering information

Design	RH*	RH*
Installation position	H/Vu	H/Vo
		
Type	RH50M-4DK.6K.1R	RH50M-4DK.6K.1R
Article no.	172152	175239
Weight kg	20.80	20.80
* inlet ring not included		

Information

ZArail

Cpro-ECblue

C-ECblue

C series

N series

M series

FE2owlet

www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10  239

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

Ventilateur Ziehl Abegg M SERIES RH50M 4D



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Voir la gamme Ziehl Abegg sur notre site :

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

DEMANDER UN PRIX >