

Fiche produit Motralec Ziehl Abegg N Series RH56N 4D - fiche technique | Motralec

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

N-series AC technology
Size 560

Fans for railroad engineering
01/2017

N-series

for three phase alternating current, 4 pole

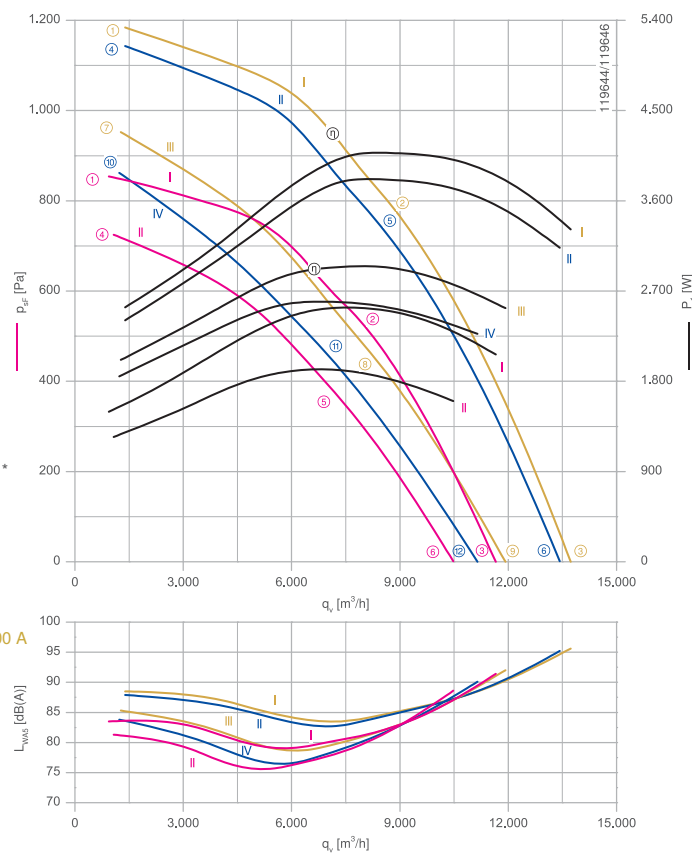
RH56N-4D



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 :
2.50 kW | 3.80 kW | 4.00 kW*
 Rated current I_N :
9.00/5.20 A | 11.00/6.40 A | 10.50/6.20 A*
 Rated speed n_N :
1400 min⁻¹ | 1590 min⁻¹ | 1640 min⁻¹*
 Starting current I_s : **55.00/32.00 A | 50.00/28.00 A | 60.00/34.00 A**
 Current increase ΔI : **10 % | 15 % | 15 %**
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: **-40 °C*****
 Max. permitted ambient temperature $t_{R(max)}$:
70 °C | 70 °C | 70 °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

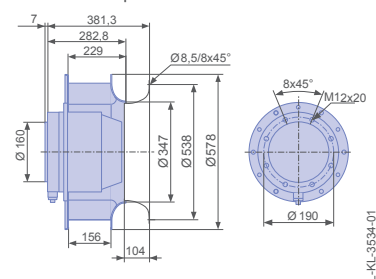


Measured with inlet ring, without guard grille according to ISO 5801

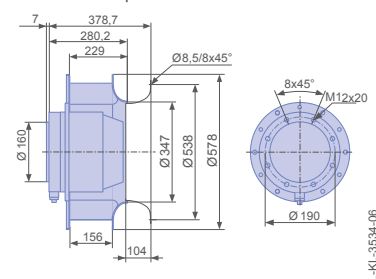
Inlet ring	00411858	RAL 7032	Page 302
		(pebble grey)	
Inlet ring	00411851	unpainted	
Connection diagram	1360-106XA		Page 327

Dimensions mm

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



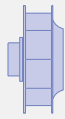

Free-running motorized impeller RH in installation position H/Vo



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)
RH56N-4DK.7Q.AR	I	400	50	①	4.00	1500	1450	84
		400*		②	5.20*	2500*	1400*	81
		400		③	4.60	2100	1420	91
		230		④	3.60	1250	1340	81
		230		⑤	5.40	1900	1230	78
		230		⑥	4.60	1600	1280	89
	II	460	60	①	4.60	2500	1710	89
		460*		②	6.20*	4000*	1640*	85
		460		③	5.40	3300	1670	96
		400		④	4.40	2400	1680	88
		400*		⑤	6.40*	3800*	1590*	84
		400		⑥	5.40	3100	1630	95
III	265		⑦	4.80	2000	1540	85	
	265		⑧	7.00	2900	1380	82	
	265		⑨	6.00	2500	1450	92	
IV	230		⑩	5.20	1850	1460	84	
	230		⑪	7.20	2600	1270	78	
	230		⑫	6.20	2300	1370	90	

*rated data

Fan ordering information

Design	RH*	RH*
Installation position	H/Vu	H/Vo
		
Type	RH56N-4DK.7Q.AR	RH56N-4DK.7Q.AR
Article no.	172510	175802
Weight kg	43.10	43.10
* inlet ring not included		

Information

ZArail

Cpro-ECblue

C-ECblue

C series

N series

M series

FEZowlet

www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10  193

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

Ventilateur Ziehl Abegg N SERIES RH56N 4D



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

DEMANDER UN PRIX >