RM..D-ECblue

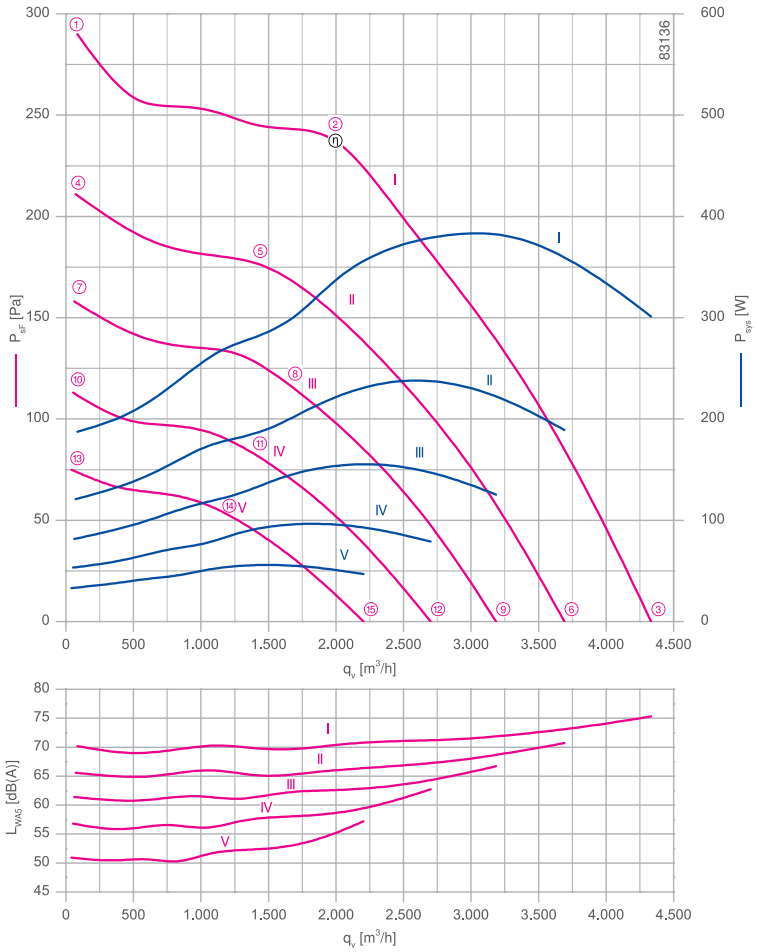
for single phase alternating current, 200-277 V

RM40D-6IK

Description

Motor technology: EC
Rated voltage U: **1~200-277 V***
Rated frequency f: **50/60 Hz***
Motor input power P: **0.38 kW***
Rated current I: **2.10-1.50 A***
Rated speed n: **1290 min^{-1}***
Thermal class: **THCL155***
Min. permitted ambient temperature t_R: - 5 °C
Max. permitted ambient temperature t_R at n_{max}: 40 °C
Electrical connection: Integrated controller with attached cable
Number of blades : 9
Balancing quality: G 6.3
Protection class: IP54
Motor protection: Integrated active temperature management
Impeller : High Performance Composite Material, uncoated, black
Conformity: ErP 2015, CE
ErP-data
Efficiency η_{statA}: 44.8 %
Efficiency: N_{actual} = 60.2 / N_{target} = 50**
EC controller integrated
*Rated data
**ErP 2015

Characteristic curve

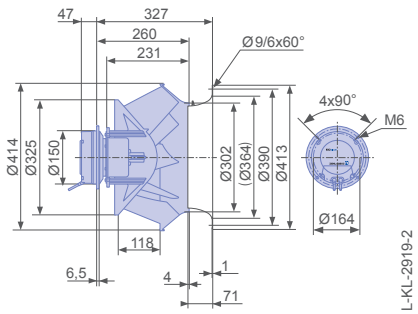


Measured with inlet ring, without guard grille according to ISO 5801

Inlet ring	00275571	Page 264
Connection diagram	KT00044A	Page 365
System components		Page 262

Dimensions [mm]

Free running motorised impeller RM
in installation position H, Vu, Vo



Performance data

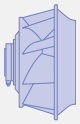
Type	Characteristic curve	Speed n [min⁻¹]	Operating point	Current I [A]	Motor input power P_{sys} [W]	Suction side sound power level L_{WA5} [dB]	Maximum ambient temperature t_R [°C]
RM40D-6IK.BF.1R	I	1290	①	0.90	190	70	40
		1290	②	1.80	380	72	
		1290	③	1.40	300	75	
	II	1100	④	0.60	120	66	60
		1100	⑤	1.10	240	67	
		1100	⑥	0.90	190	71	
	III	950	⑦	0.44	80	61	
		950	⑧	0.76	160	63	
		950	⑨	0.62	130	67	
	IV	800	⑩	0.30	55	57	
		800	⑪	0.50	95	58	
		800	⑫	0.42	80	63	
	V	650	⑬	0.21	34	51	
		650	⑭	0.31	55	52	
		650	⑮	0.27	46	57	

Current values determined at 230V

Fan ordering information

Design RM

Installation position H/Vu/Vo



Type **RM40D-6IK.BF.1R**

Basic electronics

Article no. **114134**

Weight [kg] 7.00

* Inlet ring not included

** Inlet ring integrated

Control technology

Control module

Page 282

Operating terminal

Page 294

Expansion module

Page 291