

RM..D-ECblue

for single phase alternating current, 200-277 V

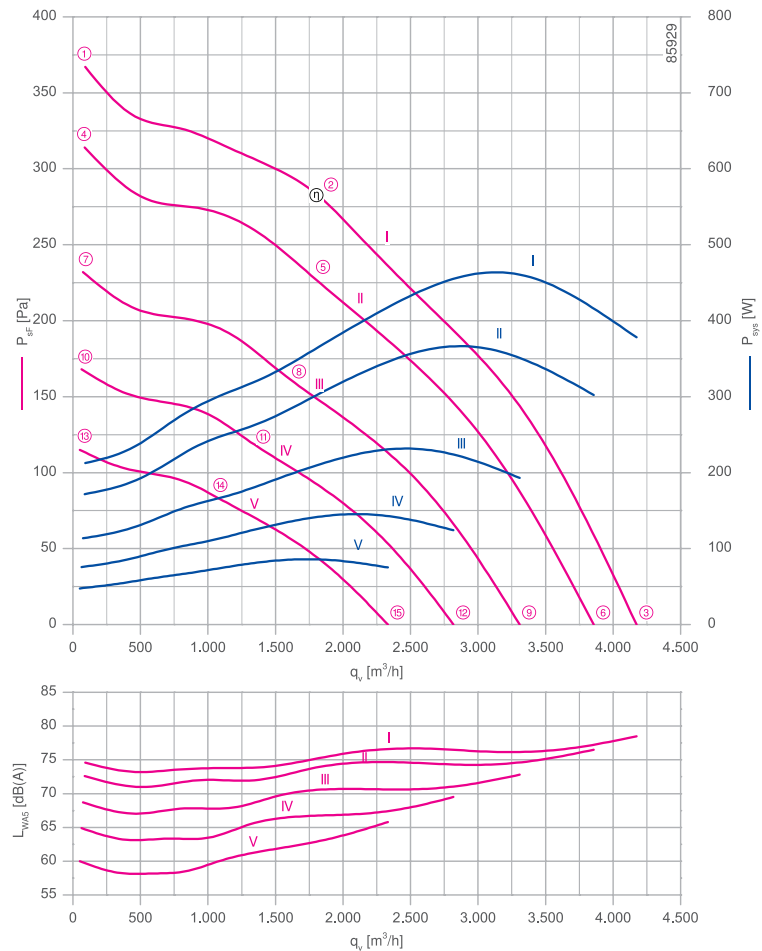
RM35D-6IK



Description

Motor technology: EC
Rated voltage U: 1~200-277 V*
Rated frequency f: 50/60 Hz*
Motor input power P: 0.46 kW*
Rated current I: 2.50-1.80 A*
Rated speed n: 1700 min⁻¹*
Thermal class: THCL155*
Min. permitted ambient temperature t_{R1} : -5 °C
Max. permitted ambient temperature t_{R2} : 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} : 44.7 %
Efficiency: $N_{actual} = 59.8 / N_{target} = 50^{**}$
EC controller integrated
*Rated data
**ErP 2015

Characteristic curve

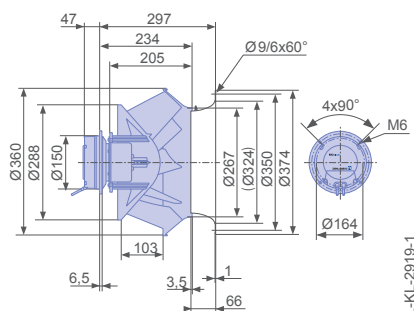


Measured with inlet ring, without guard grille according to ISO 5801

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Dimensions [mm]

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

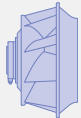


Performance data

Type	Characteristic curve	Speed	Operating point	Current	Motor input power	Suction side sound power level	Maximum ambient temperature
		n [min ⁻¹]		I [A]	P _{sys} [W]	L _{WAS} [dB]	t _R [°C]
RM35D-6IK.BF.1R	I	1700	①	1.00	210	75	40
		1700	②	2.10	460	76	
		1700	③	1.75	380	79	
	II	1570	④	0.82	170	73	60
		1570	⑤	1.70	370	74	
		1570	⑥	1.40	300	77	
	III	1350	⑦	0.58	110	69	
		1350	⑧	1.10	230	71	
		1350	⑨	0.92	190	73	
	IV	1150	⑩	0.40	75	65	
		1150	⑪	0.72	150	67	
		1150	⑫	0.62	120	70	
	V	950	⑬	0.27	48	60	
		950	⑭	0.46	85	63	
		950	⑮	0.40	75	66	

Current values determined at 230V

Fan ordering information

Design	RM
Installation position	H/Vu/Vo
	
Type	RM35D-6IK.BF.1R
Basic electronics	
Article no.	114133
Weight [kg]	5.90
* Inlet ring not included	
** Inlet ring integrated	

Control technology

Control module	Operating terminal	Expansion module
		
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