

Vpro-ECblue

for single phase alternating current, 200-277 V

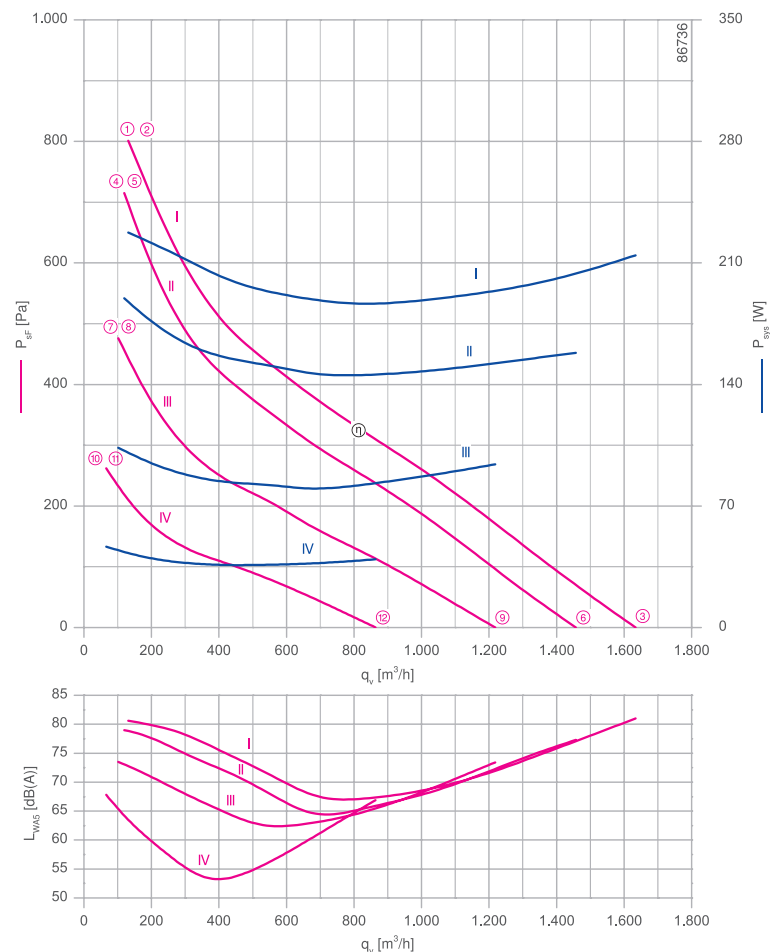
RH25V-6IP



Description

Motor technology: EC
Rated voltage U: 1~200-277 V*
Rated frequency f: 50/60 Hz*
Motor input power P: 0.23 kW*
Rated current I: 1.65-1.20 A*
Rated speed n: 3290 min⁻¹*
Thermal class: THCL155*
Min. permitted ambient temperature t_{R1} : -5 °C
Max. permitted ambient temperature t_{R2} at n_{max} : 60 °C
Electrical connection: Integrated controller with attached cable
Number of blades : 6
Balancing quality: G 6.3
Protection class: IP44
Motor protection: Integrated active temperature management
Impeller : High Performance Composite Material, uncoated, black
Conformity: ErP 2015, CE
ErP-data
Efficiency η_{statA} : 46.5 %
Efficiency: $N_{actual} = 64.7 / N_{target} = 62^{**}$
EC controller integrated
*Rated data
**ErP 2015

Characteristic curve

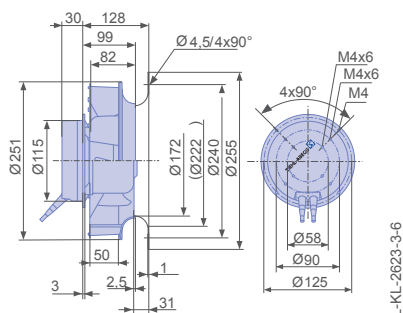


measured with inlet ring, without guard grille according to ISO 5801

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Dimensions [mm]

Free-running motor impeller RH
in installation position H/Vu/Vo



Performance data

Type	Characteristic curve	Speed %	Operating point	Current	Motor input power	Suction side sound power level
				I [A]	P _{sys} [W]	L _{WA5} [dB]
RH25V-6IP.0E.1R	I	100	①	1.45	230	81
			②	1.45	230	81
			③	1.35	210	81
	II	80	④	1.20	190	79
			⑤	1.20	190	79
			⑥	1.05	160	77
	III	60	⑦	0.70	100	74
			⑧	0.70	100	74
			⑨	0.64	95	73
	IV	40	⑩	0.34	46	68
			⑪	0.34	46	68
			⑫	0.30	40	67

Current values determined at 230V

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
	
Type	RH25V-6IP.0E.1R
Basic electronics	
Article no.	113251
Weight [kg]	2.80
* Inlet ring not included	

Control technology

Control module	Operating terminal	Expansion module
		
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