

Vpro-ECblue

for three phase alternating current, 380-480 V

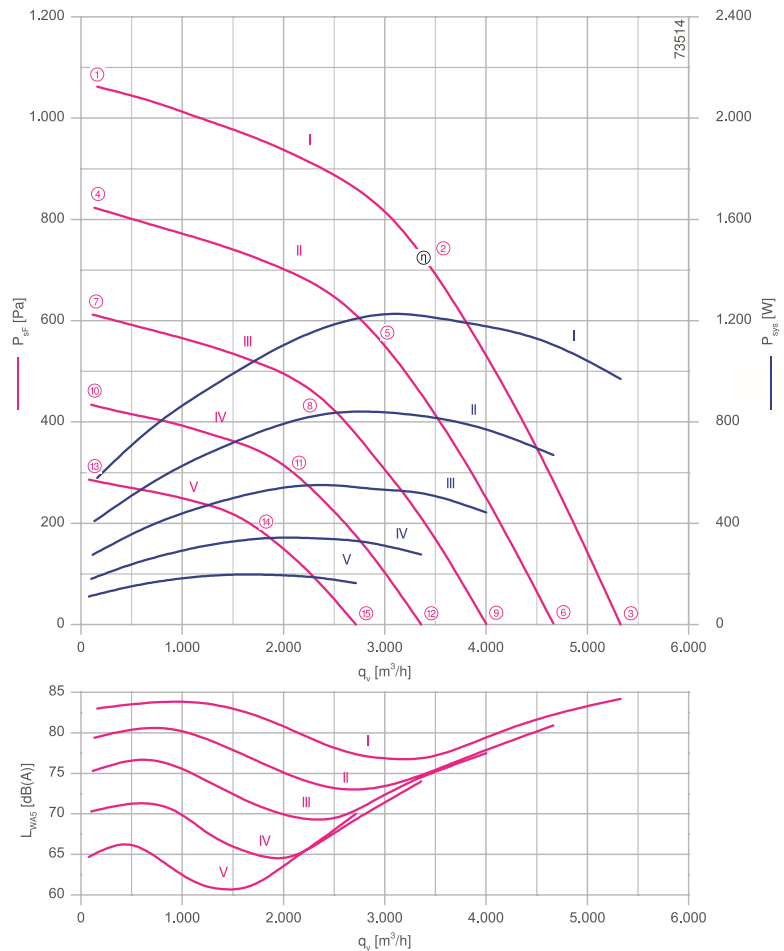
RH35V-ZIK



Description

Motor technology: EC
Rated voltage U: **3-380-480 V***
Rated frequency f: **50/60 Hz***
Motor input power P: **1.25 kW***
Rated current I: **2.10-1.65 A***
Rated speed n: **2500 min⁻¹***
Thermal class: **THCL155***
Min. permitted ambient temperature t_{R1} : -15 °C
Max. permitted ambient temperature t_{R2} at n_{max} : 60 °C
Electrical connection: integrated Controller
Number of blades : 6
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} : 62.0 %
Efficiency: $N_{actual} = 71.6 / N_{target} = 62^{**}$
EC controller integrated
*Rated data
**ErP 2015

Characteristic curve

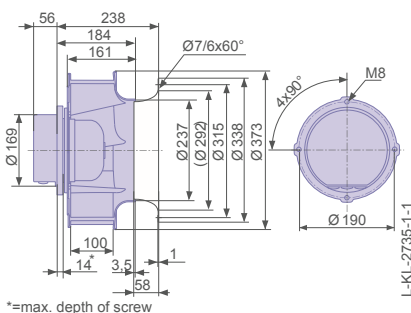


measured with inlet ring, without guard grille according to ISO 5801

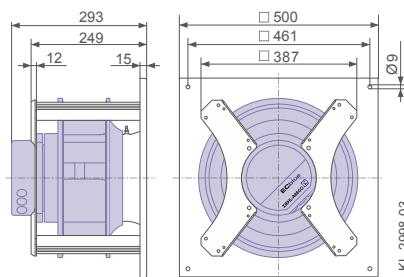
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➤ System components		Page 448

Dimensions [mm]

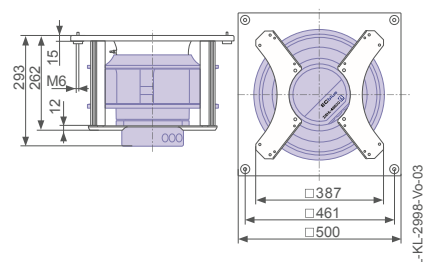
Free-running motor impeller RH
in installation position H/Vu/Vo



Ventilation unit GR in installation position H



Ventilation unit GR in installation position Vo

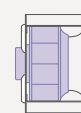
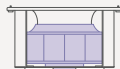


Performance data

Type	Characteristic curve	Speed	Operating point	Current	Motor input power	Suction side sound power level
		n [min ⁻¹]		I [A]	P _{sys} [W]	L _{WA5} [dB]
__35V-ZIK.DC.1R	I	2500	①	1.10	580	83
		2500	②	2.00	1250	77
		2500	③	1.65	960	84
	II	2200	④	0.94	400	79
		2200	⑤	1.50	840	73
		2200	⑥	1.25	660	81
	III	1900	⑦	0.70	280	75
		1900	⑧	1.10	540	70
		1900	⑨	0.98	440	78
	IV	1600	⑩	0.50	180	70
		1600	⑪	0.86	340	65
		1600	⑫	0.72	280	74
	V	1300	⑬	0.34	110	65
		1300	⑭	0.54	200	61
		1300	⑮	0.46	160	70

Current values determined at 400V

Fan ordering information

Design	RH*	GR**	GR**	GR**
Installation position	H/Vu/Vo	H	Vo	Vu
				
Type	RH35V-ZIK.DC.1R	GR35V-ZIK.DC.1R	GR35V-ZIK.DC.1R	GR35V-ZIK.DC.1R
Basic electronics				
Article no.	113466	114952/H01	114952/O01	114952/U01
Premium electronics				
Article no.	113495			
Weight [kg]	9.00	16.00	16.00	19.00
* Inlet ring not included				
** Inlet ring integrated				

Control technology

Control module	Operating terminal	Expansion module
		
➔ Page 464	➔ Page 476	➔ Page 473

Ventilation unit GR in installation position
Vu

