

Vpro

for single phase alternating current, 4 pole

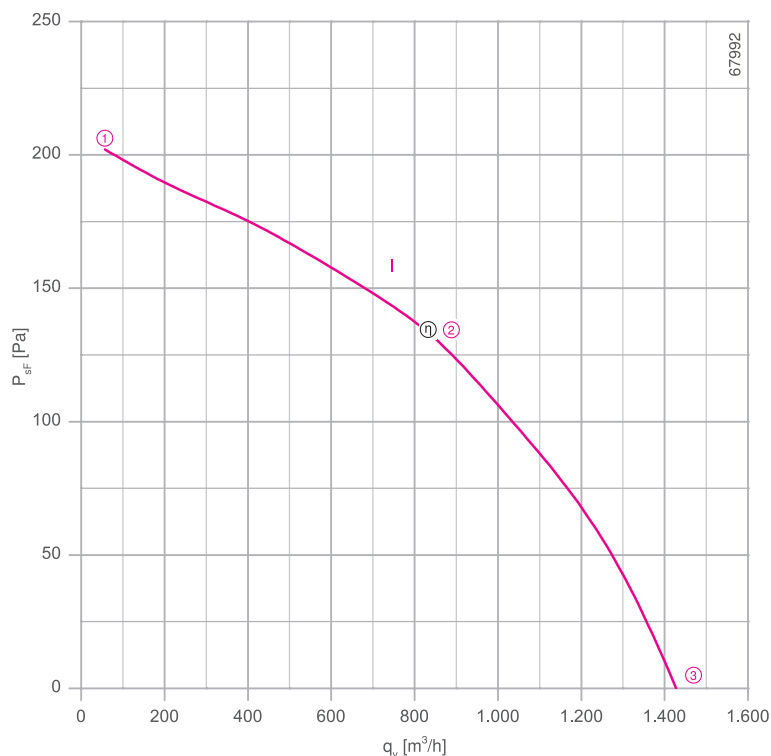
RH28V-4E



Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz*
Motor input power P_1 : 0.11 kW*
Rated current I_N : 0.53 A*
Rated speed n_N : 1360 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 4.0 μ F
Dynamic pressure: $p_{d2} = 9.4 \cdot 10^{-6} \cdot q_v^2$ [Pa]
Thermal class: **THCL155***
Min. permitted ambient temperature $t_{R(min)}$: -30 °C
Max. permitted ambient temperature $t_{R(max)}$: 60 °C
Motor protection: Thermal contact
Impeller : High Performance Composite Material, uncoated, black
Conformity: CE
ErP-data
Not subject to ErP regulations ($P_1 < 125$ W)
* Rated data

Characteristic curve

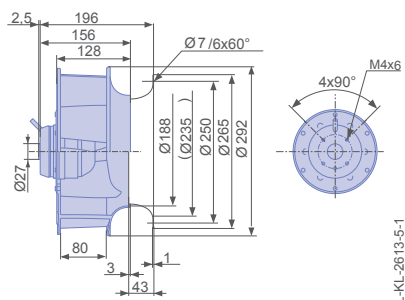


measured with inlet ring, without guard grille according to ISO 5801

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Dimensions [mm]

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

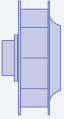


Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
		U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
RH28V-4EP.WD.1R	I	230	①	0.48	90	1420	62
		230*	②	0.54*	110*	1360*	59
		230	③	0.52	100	1390	66

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH28V-4EP.WD.1R
Article no.	113298
Weight [kg]	3.30
* Inlet ring not included	

Control technology

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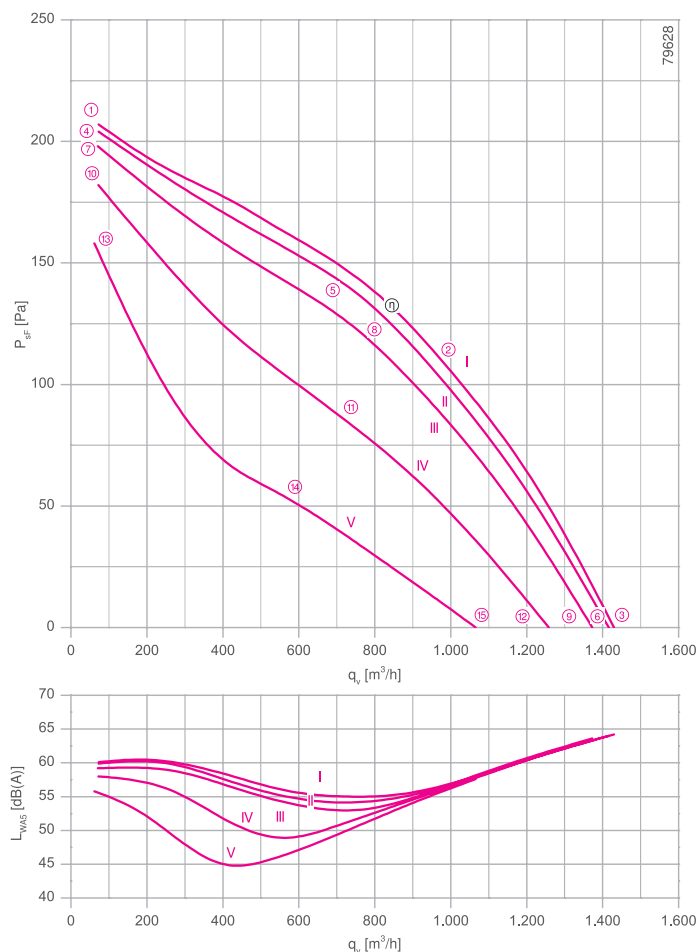
RH28V-4E



Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.13 kW*
Rated current I_N : 0.58 A*
Rated speed n_N : 1350 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 5.0 μ F
Dynamic pressure: $p_{d2} = 9.1 \cdot 10^{-6} \cdot q_v^2$ [Pa]
Thermal class: **THCL155***
Min. permitted ambient temperature $t_{R(min)}$: -15 °C
Max. permitted ambient temperature $t_{R(max)}$: 60 °C
Protection class: IP44
Motor protection: Thermal contact
Impeller : High Performance Composite Material, uncoated, black
Motor: 1 coat paint, pebble grey
* Rated data

Characteristic curve

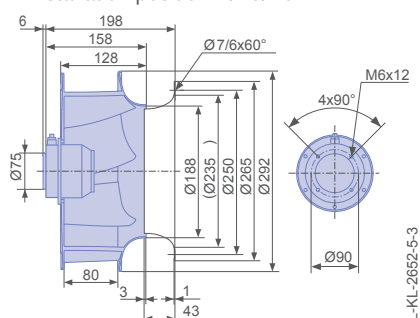


measured with inlet ring, without guard grille according to ISO 5801

- Inlet ring 00275848 Page 450
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- System components Page 448

Dimensions [mm]

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



Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
		U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
RH28V-4EK.2A.1R	I	230	①	0.54	110	1410	60
		230*	②	0.58*	130*	1350*	56
		230	③	0.56	120	1380	64
	II	200	④	0.42	80	1400	60
		200	⑤	0.50	100	1310	54
		200	⑥	0.46	90	1360	64
	III	170	⑦	0.37	60	1380	59
		170	⑧	0.46	80	1260	53
		170	⑨	0.42	70	1320	64
	IV	135	⑩	0.34	46	1320	58
		135	⑪	0.42	55	1100	51
		135	⑫	0.39	55	1220	62
	V	110	⑬	0.32	36	1230	56
		110	⑭	0.37	40	870	46
		110	⑮	0.36	38	1020	58

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable lateral 105cm
	
Type	RH28V-4EK.2A.1R
Article no.	113302
Weight [kg]	3.30
* Inlet ring not included	

Control technology

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