

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 _{WAS} [dB]
RH22V-2EP.WA.1R	I	230	①	0.35	80	2730	73
		230*	②	0.46*	110*	2500*	62
		230	③	0.39	90	2650	73
	II	200	④	0.35	70	2640	72
		200	⑤	0.46	95	2320	61
		200	⑥	0.39	80	2520	72
	III	170	⑦	0.35	60	2490	70
		170	⑧	0.46	80	2010	58
		170	⑨	0.40	70	2310	70
	IV	135	⑩	0.35	46	2110	66
		135	⑪	0.42	55	1510	54
		135	⑫	0.39	50	1840	67
	V	110	⑬	0.33	36	1670	60
		110	⑭	0.36	38	1140	48
		110	⑮	0.35	38	1400	63

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH22V-2EP.WA.1R
Article no.	113235
Weight [kg]	1.91
* Inlet ring not included	

Control technology

Frequency inverter Fcontrol 1~  ➤ Page 478	Motor protection units 1~  ➤ Page 526	Transformer-based controllers 1~  ➤ Page 517	Electronic voltage controllers 1~  ➤ Page 492
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Vpro

for single phase alternating current, 2 pole

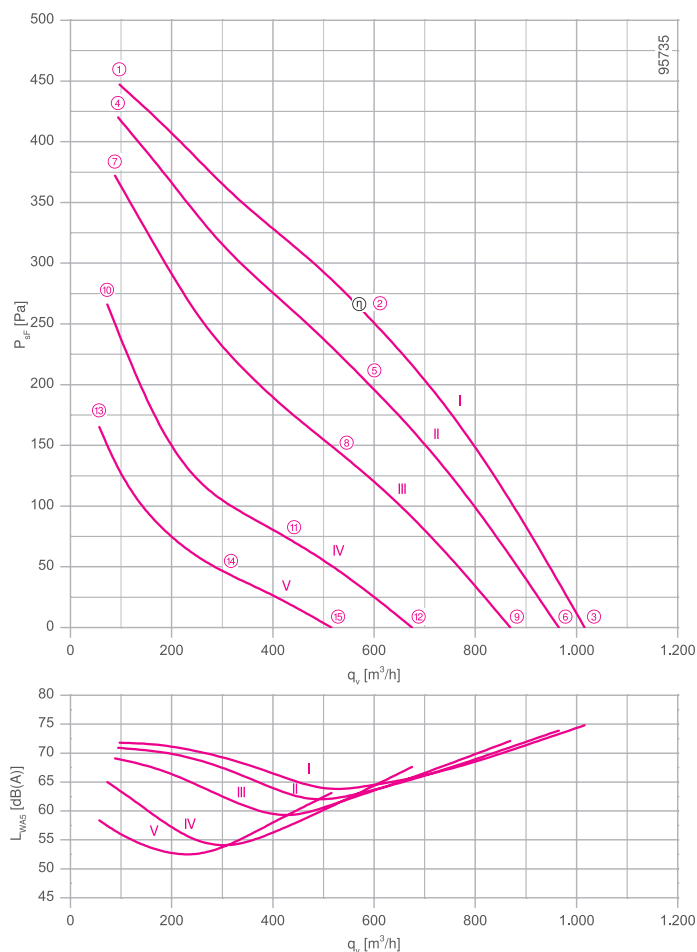
RH22V-2E



Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.12 kW*
Rated current I_N : 0.52 A*
Rated speed n_N : 2500 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 4.0 μF
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



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➤ Connection diagram	1360-177X SW	Page 550
➤ System components		Page 448

Dimensions [mm]

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

