

Vpro

for single phase alternating current, 2 pole

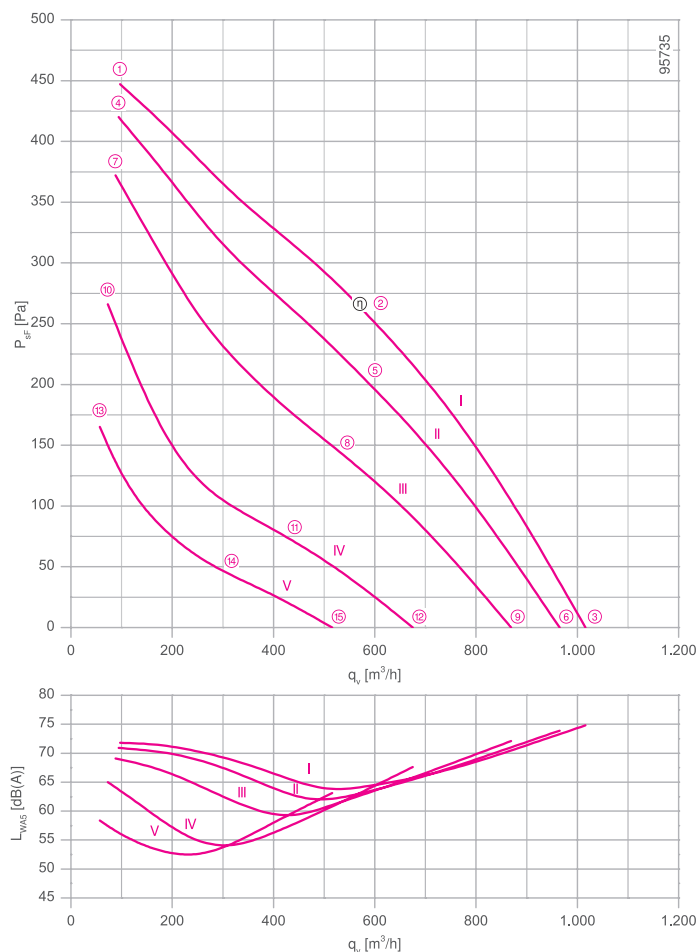
RH22V-2E



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

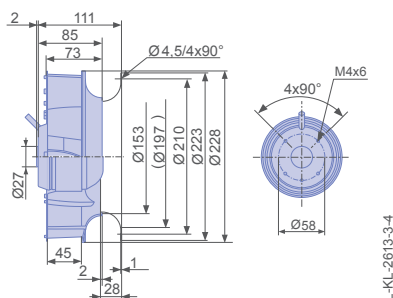


measured with inlet ring, without guard grille according to ISO 5801

➤ Inlet ring	00407899	Page 450
➤ Connection diagram	1360-177X SW	Page 550
➤ 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]
RH22V-2EP.WC.2R	I	230	①	0.40	90	2720	72
		230*	②	0.52*	120*	2490*	64
		230	③	0.46	110	2600	75
	II	200	④	0.40	75	2630	71
		200	⑤	0.52	100	2300	63
		200	⑥	0.46	90	2470	74
	III	170	⑦	0.40	65	2480	69
		170	⑧	0.52	85	1990	59
		170	⑨	0.46	80	2240	72
	IV	135	⑩	0.39	55	2100	65
		135	⑪	0.46	60	1600	62
		135	⑫	0.44	60	1730	68
	V	110	⑬	0.37	40	1650	58
		110	⑭	0.39	42	1180	57
		110	⑮	0.39	42	1330	63

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH22V-2EP.WC.2R
Article no.	161614
Weight [kg]	2.40
* 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
--	---	--	--