

Vpro

for single phase alternating current, 2 pole

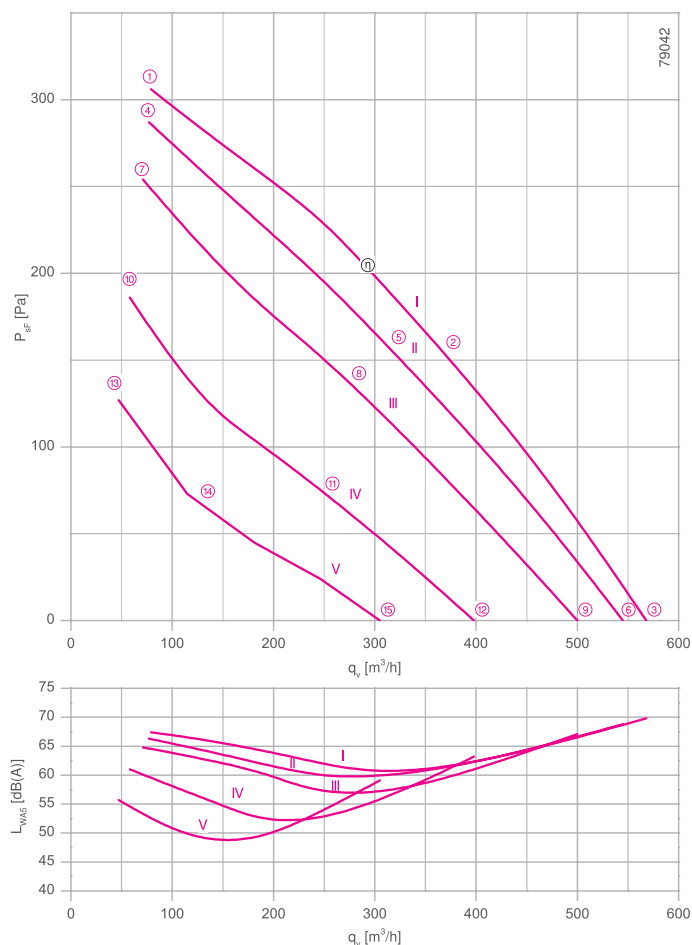
RH19V-2E



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 : 0.6 kW*
Rated current I_N : 0.26 A*
Rated speed n_N : 2500 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 2.0 μ F
Dynamic pressure: $p_{d2} = 8.05 \cdot 10^{-5} \cdot q_v^2$ [Pa]
Thermal class: **THCL130***
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

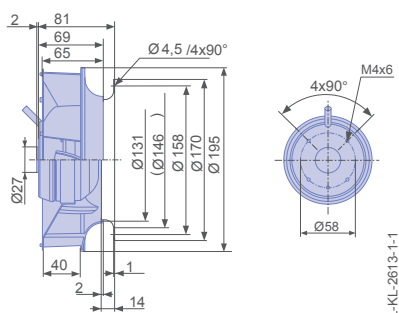
Characteristic curve



- Inlet ring 00407897 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]
RH19V-2EP.W6.1R	I	230	①	0.23	55	2680	67
		230*	②	0.26*	60*	2530*	62
		230	③	0.24	55	2620	70
	II	200	④	0.21	42	2590	66
		200	⑤	0.25	50	2390	60
		200	⑥	0.23	46	2510	69
	III	170	⑦	0.21	36	2440	65
		170	⑧	0.25	42	2150	58
		170	⑨	0.23	38	2300	67
	IV	135	⑩	0.20	28	2100	61
		135	⑪	0.23	32	1720	55
		135	⑫	0.22	30	1920	63
	V	110	⑬	0.19	22	1720	56
		110	⑭	0.20	22	1390	49
		110	⑮	0.19	22	1470	59

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH19V-2EP.W6.1R
Article no.	113234
Weight [kg]	1.45
* 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
--	---	--	--