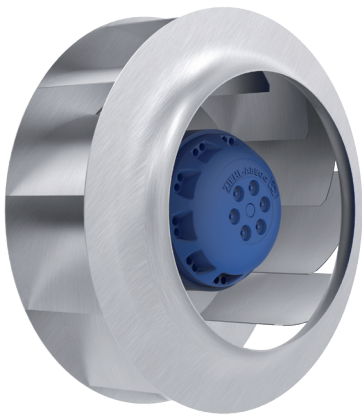


L-series

for single phase alternating current, 2 pole

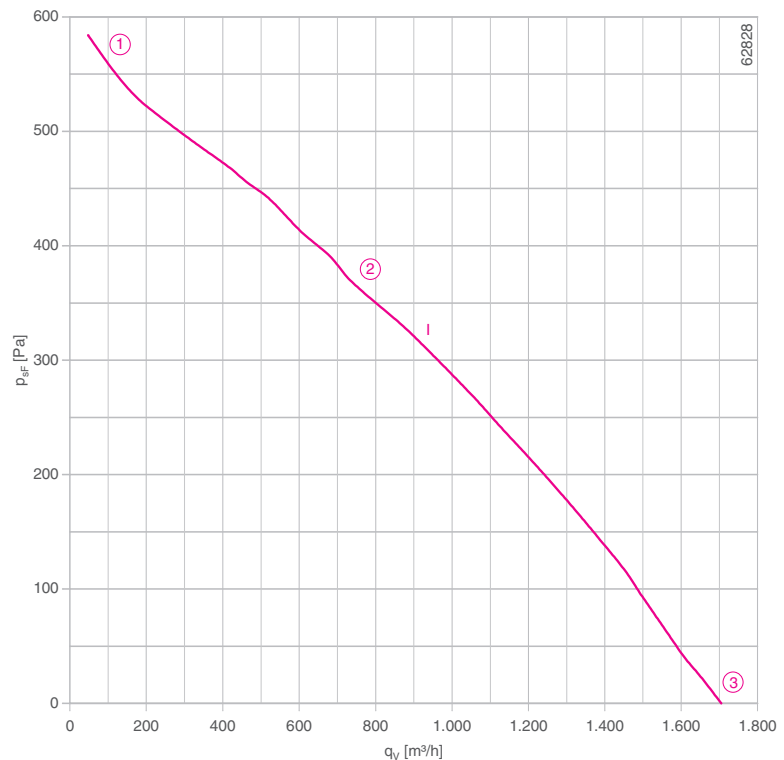
RH25L-2E



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 : 0.21 kW*
Rated current I_N : 0.94 A*
Rated speed n_N : 2450 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 8.0 μ F
Dynamic pressure: $p_{d2} = 2.5 \cdot 10^{-5} \cdot q_v^2$ [Pa]
Thermal class: **THCL130***
Min. permitted ambient temperature $t_{R(min)}$: -30 °C
Max. permitted ambient temperature $t_{R(max)}$: 50 °C
Motor protection: Thermal contact
Impeller : Galvanised sheet metal, uncoated
* Rated data

Characteristic curve

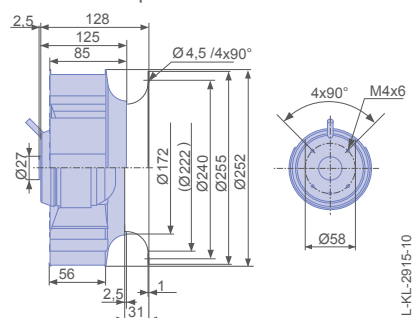


measured with inlet ring, without guard grille according to ISO 5801

➤ Inlet ring	00407900	Page 451
➤ Connection diagram	1360-177X SW	Page 550
➤ System components		Page 448

Dimensions [mm]

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

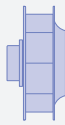


Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
		U [V]		I [A]	P _i [W]	n [min ⁻¹]	L _{WAS} [dB]
RH25L-2EP.WD.1R	I	230	①	0.61	135	2770	
		230*	②	0.94*	210*	2450*	71
		230	③	0.74	165	2660	80

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH25L-2EP.WD.1R
Article no.	113044
Weight [kg]	3.07
* 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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