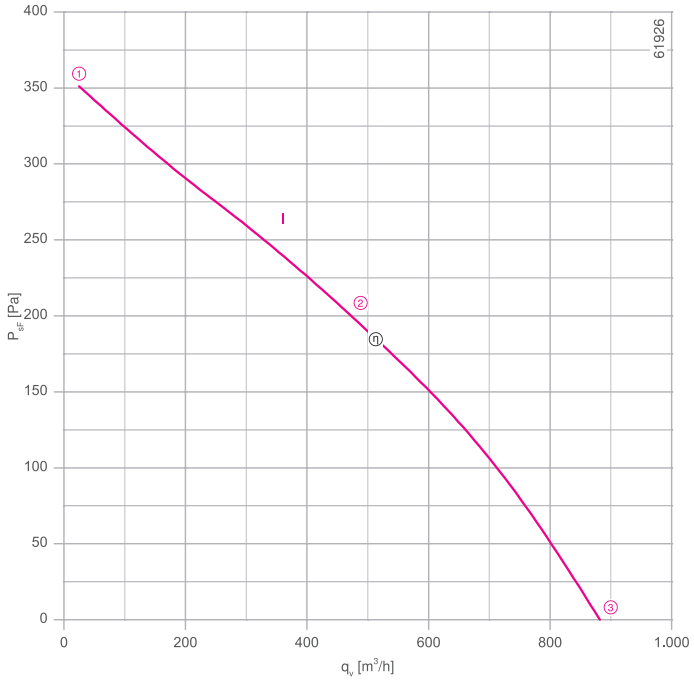
L-series

for single phase alternating current, 2 pole

RH22L-2E

Characteristic curve



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

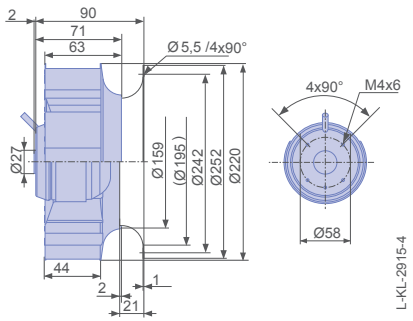
Description

Motor technology: AC
Rated voltage U_N: **1~ 230 V***
Rated frequency f_N: **50 Hz*** (60Hz data available)
Motor input power P_1: **0.10 kW***
Rated current I_N: **0.43 A***
Rated speed n_N: **2390 min^{-1}***
Current increase ΔI: 0 %
Service capacitor C_{400V}: 3.0 µF
Thermal class: **THCL155***
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Max. permitted ambient temperature $t_{R(max)}$: 45°C
Motor protection: Thermal contact
Impeller : High Performance Composite Material, uncoated
Conformity: CE
ErP-data
Not subject to ErP regulations (P_1< 125 W)
* Rated data

Inlet ring	00407898	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



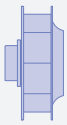
Performance data

Type	Characteristic curve	Voltage U [V]	Operating point	Current I [A]	Motor input power P_1 [W]	Speed n [min^{-1}]	Suction side sound power level L_{WA5} [dB]
RH22L-2EP.W6.1R	I	230	①	0.33	75	2760	
		230*	②	**0.44***	**100***	**2390***	70
		230	③	0.35	80	2650	76

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm



Type	**RH22L-2EP.W6.1R**
Article no.	**113037**
Weight [kg]	1.55

* Inlet ring not included

Control technology

Frequency inverter Fcontrol 1~

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Motor protection units 1~

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Transformer-based controllers 1~

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Electronic voltage controllers 1~

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