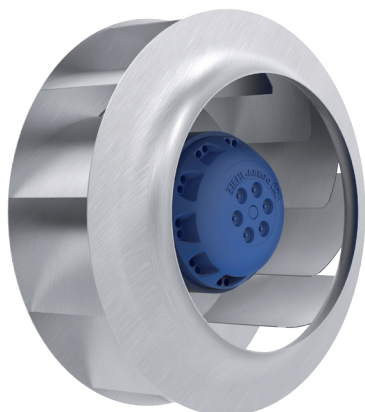


L-series

for single phase alternating current, 4 pole

RH28L-4E



Description

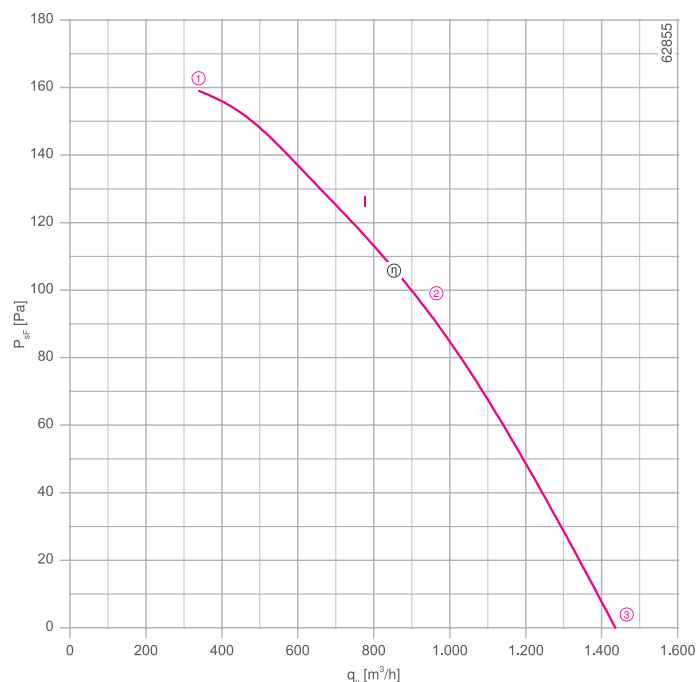
Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.09 kW*
Rated current I_N : 0.42 A*
Rated speed n_N : 1250 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 2.5 μ F
Dynamic pressure: $p_{d2} = 9.4 \cdot 10^{-6} \cdot q_v^2$ [Pa]
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 : Galvanised sheet metal, uncoated
Conformity: CE

ErP-data

Not subject to ErP regulations ($P_1 < 125$ W)

* Rated data

Characteristic curve

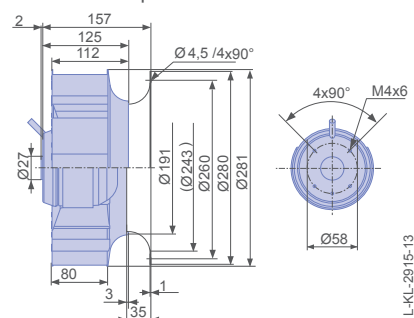


measured with inlet ring, without guard grille according to ISO 5801

➤ Inlet ring	00407901	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

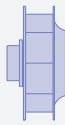


Performance data

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]
RH28L-4EP.WC.2R	I	230	①	0.37	80	1320	
		230*	②	0.42*	90*	1250*	62
		230	③	0.36	80	1340	68

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH28L-4EP.WC.2R
Article no.	113046
Weight [kg]	2.92
* 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
---	--	---	---

