

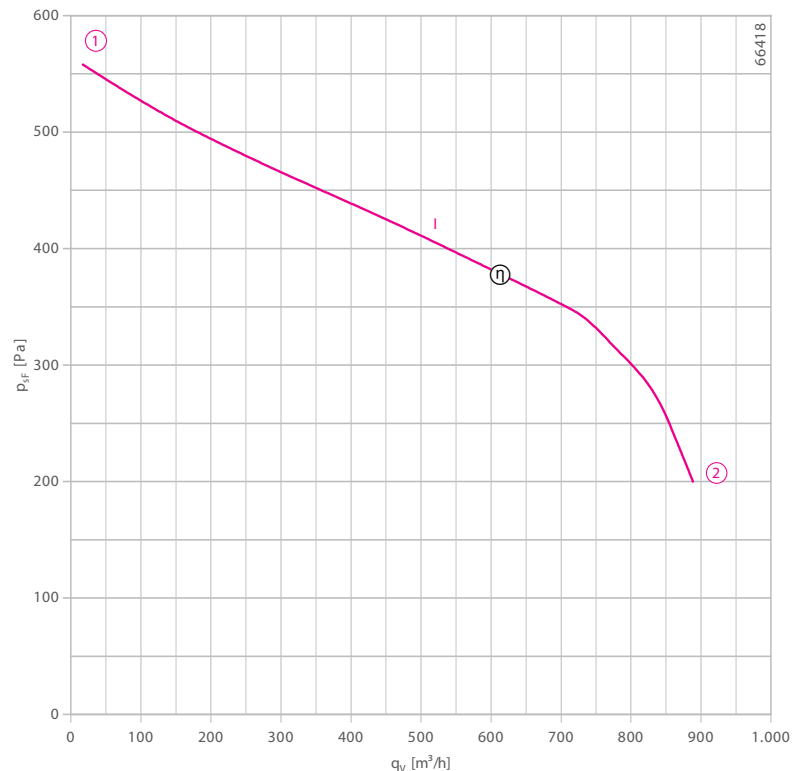
S-series

for single phase alternating current, 2 pole

RD15S-2E



Characteristic curve



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 : 0.29 kW*
Rated current I_N : 1.30 A*
Rated speed n_N : 2050 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 10.0 μ F
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -20 °C
Max. permitted ambient temperature $t_{R(max)}$: 50 °C
Minimum pressing $p_{SF(min)}$: 200 Pa
Motor protection: thermal contact
Impeller : Impeller made of galvanised sheet metal, uncoated Measured in housing from ZIEHL-ABEGG.
Conformity: ErP 2013, CE

ErP-data

Efficiency η_{statA} : 28.3 %
Efficiency: $N_{actual} = 38.6 / N_{target} = 37^{**}$

* Rated data

**ErP 2013

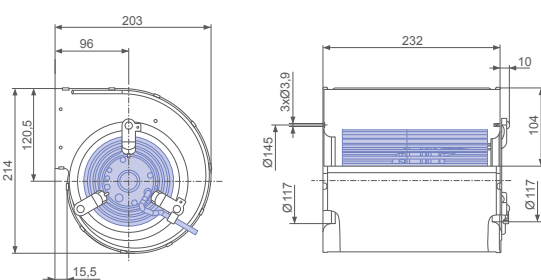
- Connection diagram
- System components

1360-177X

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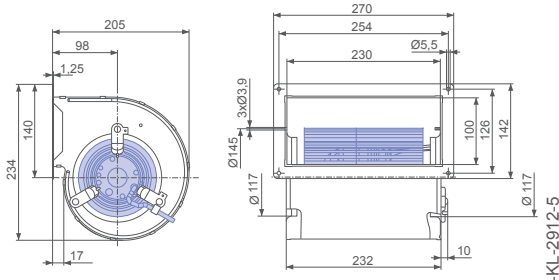
Dimensions [mm]

Fan with housing, double inlet
without flange



L-KL-2913-5

Fan with housing, double inlet
with flange



L-KL-2912-5

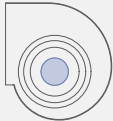


Performance data

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]
RD15S-2EP.WD.1R	I	230	①	0.84	170	2740	
		230*	②	1.30*	290*	2050*	71

*rated data

Fan ordering information

Design	RD (without flange)	RD (with flange)
Installation position	H	H
Electrical connection	Variable cable 35 cm from housing	Variable cable 35 cm from housing
		
Type	RD15S-2EP.WD.1R	RD15S-2EP.WD.1R
Article no.	113209	113082
Weight [kg]	4.60	4.80

Control technology

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