

S-series

for single phase alternating current, 2 pole

RG 12S-2E



Description

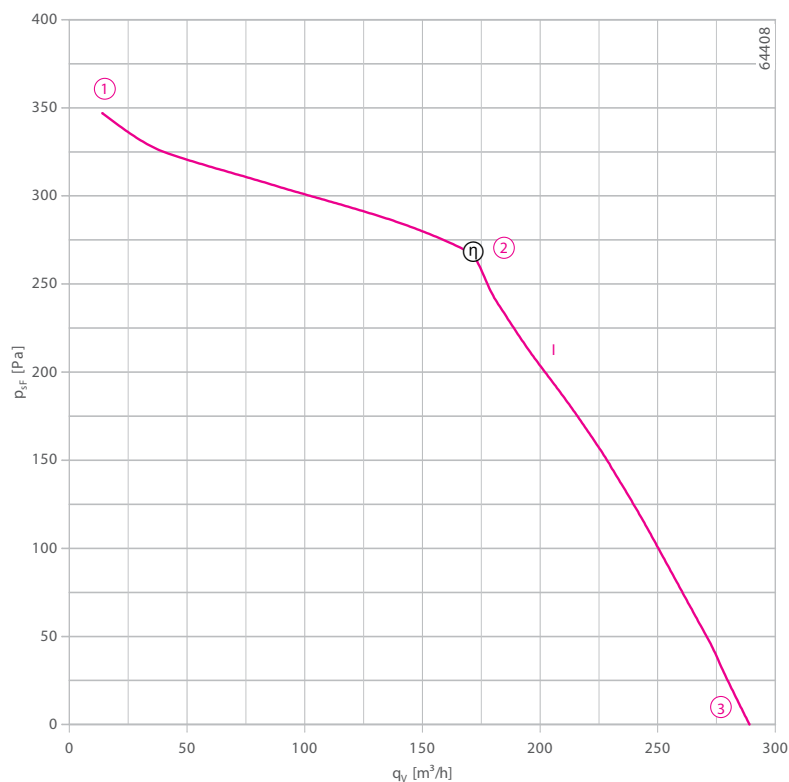
Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.09 kW*
Rated current I_N : 0.36 A*
Rated speed n_N : 2390 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 2.0 μ F
Dynamic pressure: $p_{d2} = 3.4 \cdot 10^{-3} \cdot q_v^2$ [Pa]
Thermal class: **THCL155***
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Max. permitted ambient temperature $t_{R(max)}$: 60 °C
Motor protection: Thermal contact
Impeller : Galvanised sheet metal, uncoated
Housing: Housing unpainted
Conformity: CE

ErP-data

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

* Rated data

Characteristic curve



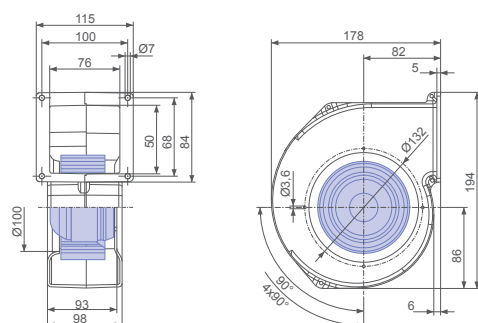
Measured in housing from ZIEHL-ABEGG.

- Connection diagram
- System components

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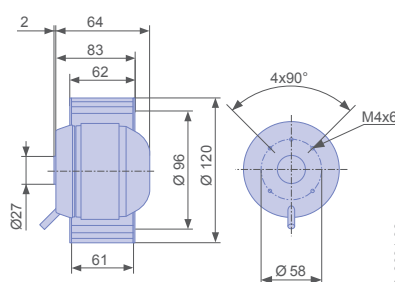
Dimensions [mm]

Fan with housing, single inlet, with flange



L-KL-2909-1

Motorised impeller



L-KL-3001-08

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]
RG12S-2EP.W6.AR	I	230	①	0.32	58	2830	
		230	②	0.32	66	2660	64
		230*	③	0.36*	85*	2390*	69

*rated data

Fan ordering information

Design	RG (with flange)	RE
Installation position	H/Vu/Vo	H/Vu/Vo
Electrical connection	Connecting cable axial 45cm	Supply cable variable 45cm
		
Type	RG12S-2EP.W6.AR	RE12P-2EP.W6.1R
Article no.	113069	113053-M
Weight [kg]	2.10	1.32

Control technology

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Information

RM..D-ECblue

RM..D

RG..R-ECblue

RG/RD..P

RG/RD..S

System components

Control technology

General notes

S-series

for single phase alternating current, 2 pole

RG 12S-2E



Description

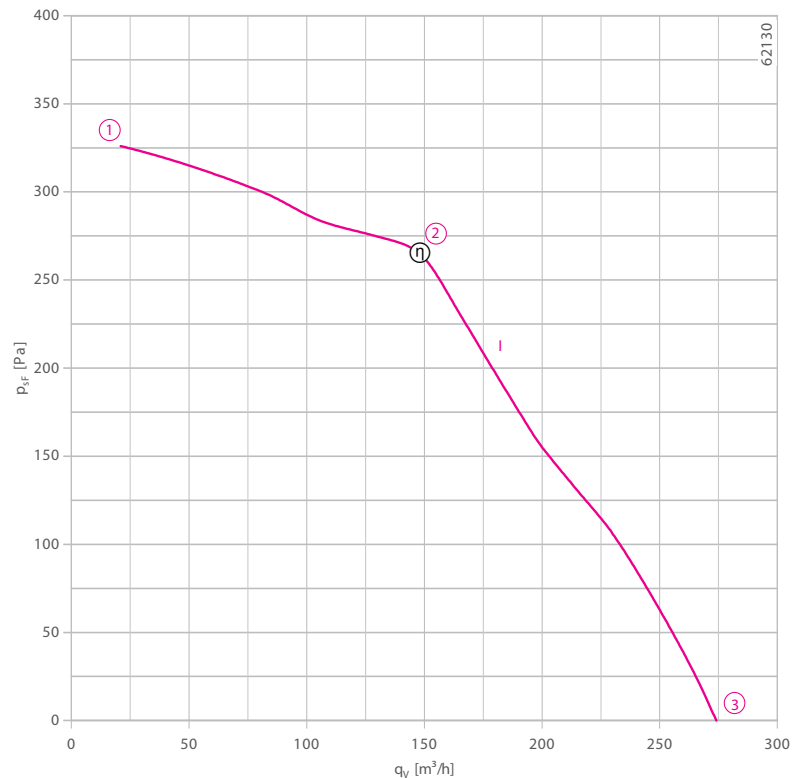
Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.08 kW*
Rated current I_N : 0.33 A*
Rated speed n_N : 2310 min⁻¹*
Service capacitor C_{400V} : 2.0 μF
Dynamic pressure: $p_{d2} = 4.8 \cdot 10^{-3} \cdot q_v^2$ [Pa]
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Max. permitted ambient temperature $t_{R(max)}$: 70 °C
Motor protection: Thermal contact
Impeller : Galvanised sheet metal, uncoated
Housing: Housing unpainted
Conformity: CE

ErP-data

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

* Rated data

Characteristic curve



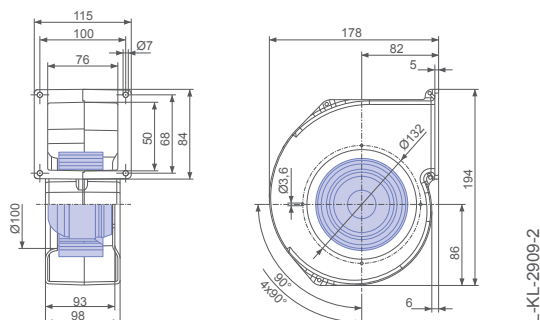
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- Connection diagram
- System components

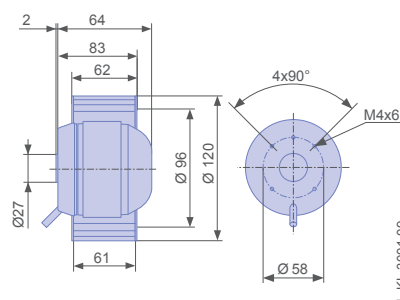
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Dimensions [mm]

Fan with housing, single inlet, with flange



Motorised impeller



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]
RG12S-2EP.W6.AR	I	230	①	0.24	46	2840	
		230	②	0.26	55	2690	64
		230*	③	0.33*	75*	2310*	70

*rated data

Fan ordering information

Design	RG (with flange)	RE
Installation position	H/Vu/Vo	H/Vu/Vo
Electrical connection	Connecting cable axial 45cm	Supply cable variable 45cm
		
Type	RG12S-2EP.W6.AR	RE12P-2EP.W6.1R
Article no.	113071	113055-M
Weight [kg]	2.10	1.31

Control technology

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