

S-series

for single phase alternating current, 2 pole

RG 14S-2E



Description

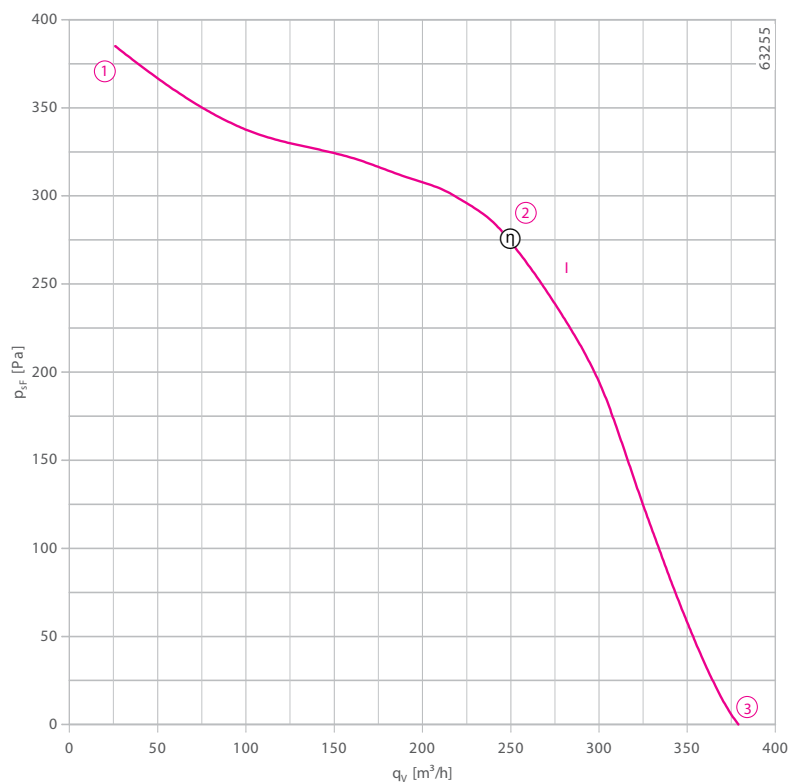
Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.11 kW*
Rated current I_N : 0.46 A*
Rated speed n_N : 1420 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 2.0 μ F
Dynamic pressure: $p_{d2} = 6.4 \cdot 10^{-4} \cdot q_v^2$ [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
Housing: Housing unpainted
Conformity: CE

ErP-data

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

* Rated data

Characteristic curve



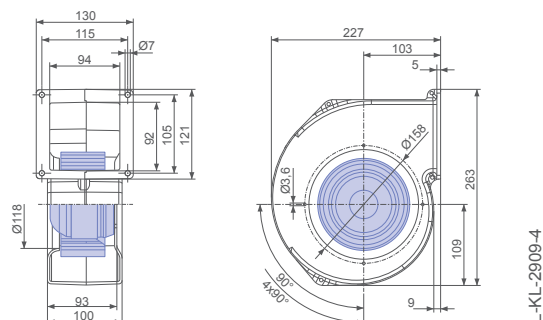
Measured in housing from ZIEHL-ABEGG.

- Connection diagram
- System components

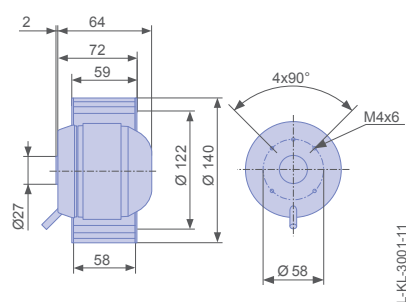
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Dimensions [mm]

Fan with housing, single inlet, with flange



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]
RG14S-2EP.W6.AR	I	230	①	0.31	70	2660	
		230	②	0.38	88	2180	64
		230*	③	0.46*	105*	1420*	65

*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	RG14S-2EP.W6.AR	RE14P-2EP.W6.1R
Article no.	113183	113174-M
Weight [kg]	2.60	1.28

Control technology

Frequency inverter Fcontrol 1~	Motor protection units 1~	Transformer-based controllers 1~	Electronic voltage controllers 1~
			
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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 14S-2E



Description

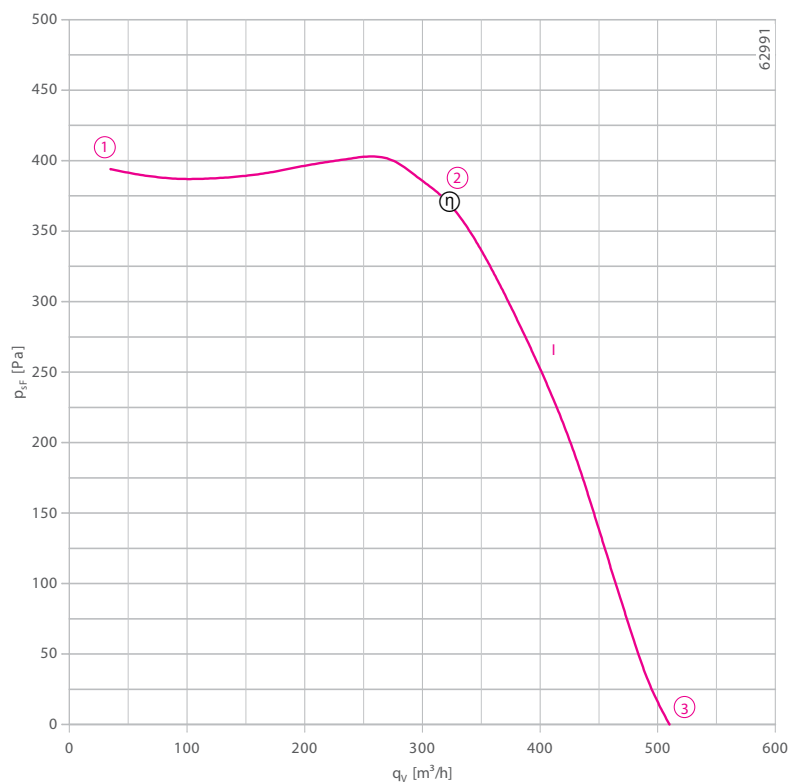
Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.17 kW*
Rated current I_N : 0.73 A*
Rated speed n_N : 2480 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 4.0 μ F
Dynamic pressure: $p_{d2} = 6.4 \cdot 10^{-4} \cdot q_v^2$ [Pa]
Thermal class: **THCL155***
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Max. permitted ambient temperature $t_{R(max)}$: 65 °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



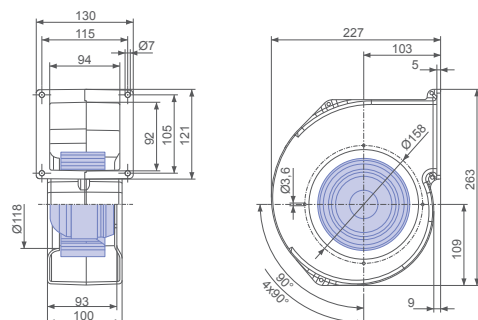
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- Connection diagram
- System components

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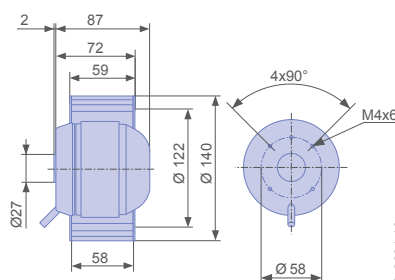
Dimensions [mm]

Fan with housing, single inlet, with flange



L-KL-2909-3

Motorised impeller



L-KL-3001-10

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]
RG14S-2EP.WC.AR	I	230	①	0.40	85	2890	
		230	②	0.53	120	2730	69
		230*	③	0.73*	170*	2480*	75

*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	RG14S-2EP.WC.AR	RE14P-2EP.WC.1R
Article no.	113073	113173-M
Weight [kg]	3.50	2.10

Control technology

Frequency inverter Fcontrol 1~	Motor protection units 1~	Transformer-based controllers 1~	Electronic voltage controllers 1~
			
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Information

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RM..D

RG..R-ECblue

RG/RD..P

RG/RD..S

System components

Control technology

General notes