

S-series

for single phase alternating current, 2 pole

RG 16S-2E



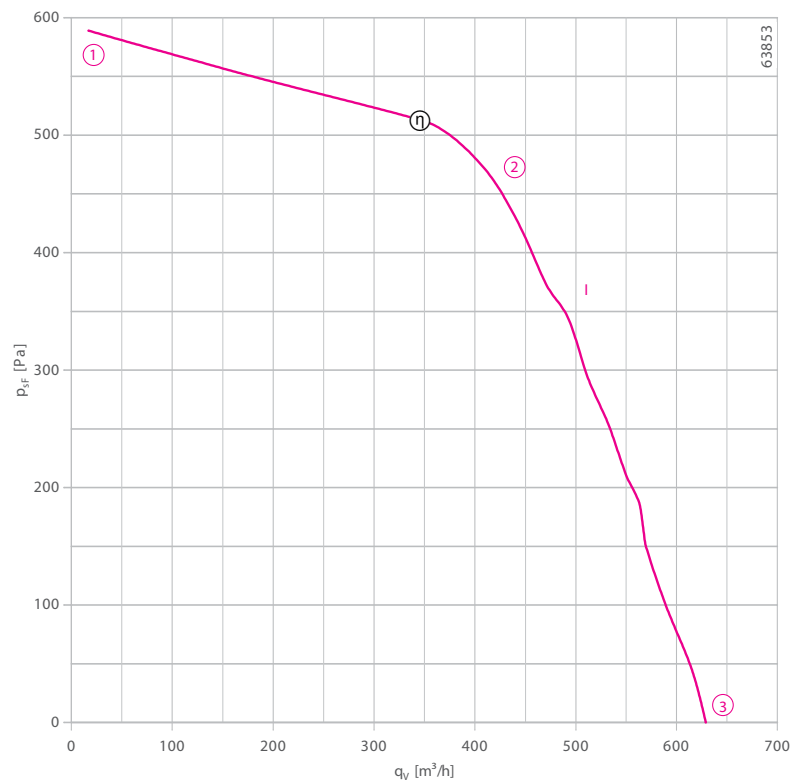
Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.26 kW*
Rated current I_N : 1.10 A*
Rated speed n_N : 2130 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 6.0 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: ErP 2013, CE

ErP-data

Efficiency η_{statA} : 27.6 %
Efficiency: $N_{actual} = 38.7 / N_{target} = 37^{**}$
* Rated data
**ErP 2013

Characteristic curve



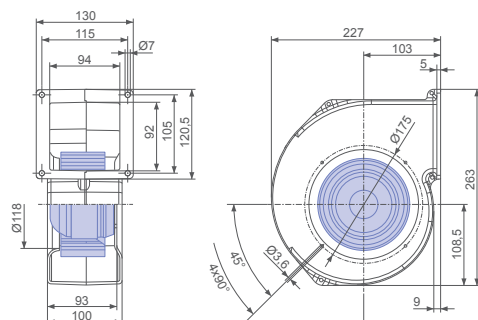
Measured in housing from ZIEHL-ABEGG.

- Connection diagram
- System components

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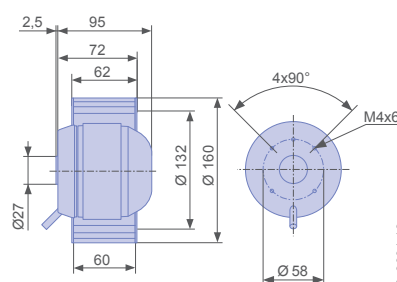
Dimensions [mm]

Fan with housing, single inlet, with flange



L-KL-2910-1

Motorised impeller



L-KL-3001-13

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]
RG16S-2EP.WD.AR	I	230	①	0.56	125	2840	
		230	②	0.82	190	2570	72
		230*	③	1.10*	260*	2130*	77

*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	RG16S-2EP.WD.AR	RE16P-2EP.WD.1R
Article no.	113075	113059-M
Weight [kg]	3.90	2.53

Control technology

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