

S-series

for single phase alternating current, 4 pole

RG16S-4E



Description

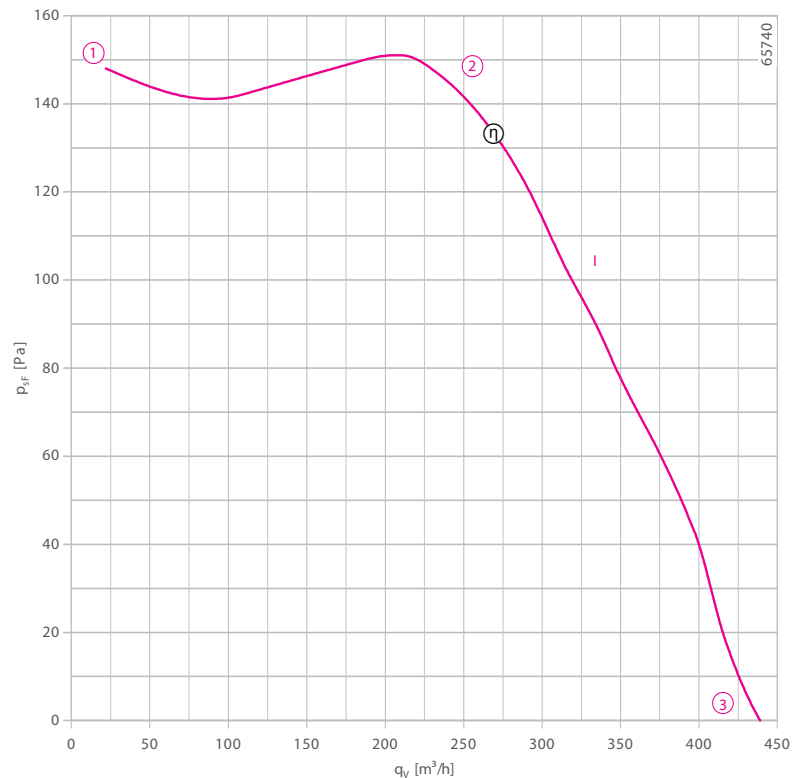
Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.07 kW*
Rated current I_N : 0.35 A*
Rated speed n_N : 1300 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 2.0 μ F
Dynamic pressure: $p_{d2} = 6.4 \cdot 10^{-4} \cdot q_v^2$ [Pa]
Thermal class: **THCL155***
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Max. permitted ambient temperature $t_{R(max)}$: 55 °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



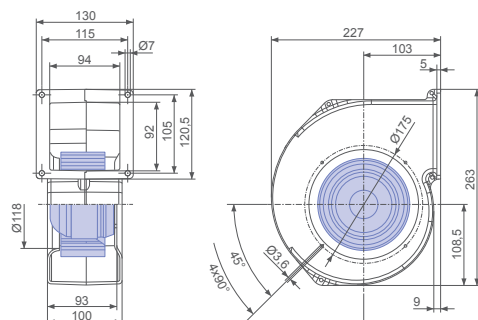
Measured in housing from ZIEHL-ABEGG.

- Connection diagram
- System components

1360-177X SW Page 368
Page 262

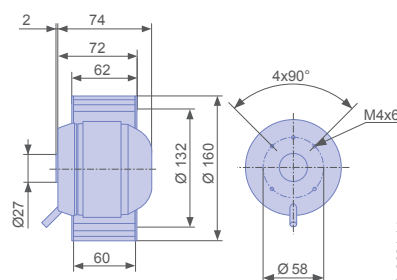
Dimensions [mm]

Fan with housing, single inlet, with flange



L-KL-2910-2

Motorised impeller



L-KL-3001-14

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-4EP.WA.AR	I	230	①	0.29	55	1460	
		230	②	0.30	62	1400	61
		230*	③	0.35*	76*	1300*	66

*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-4EP.WA.AR	RE16P-4EP.WA.1R
Article no.	113076	113060-M
Weight [kg]	3.10	1.75

Control technology

Frequency inverter Fcontrol 1~  ➤ Page 296	Motor protection units 1~  ➤ Page 344	Transformer-based controllers 1~  ➤ Page 334	Electronic voltage controllers 1~  ➤ Page 310
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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