

S-series

for single phase alternating current, 4 pole

RD13S-4E



Description

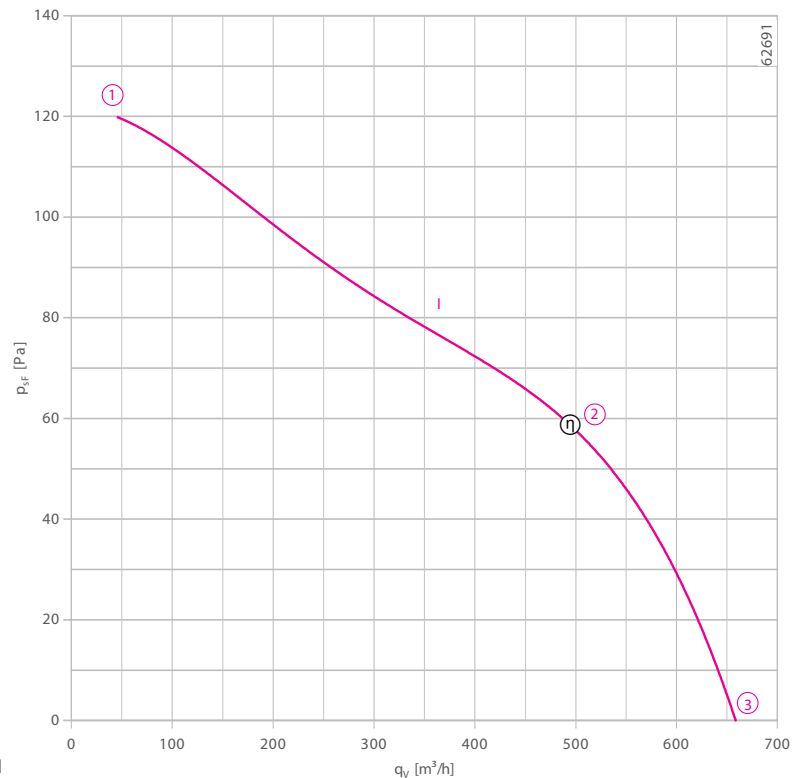
Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.07 kW*
Rated current I_N : 0.30 A*
Rated speed n_N : 1000 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 2.0 μ F
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -20 °C
Max. permitted ambient temperature $t_{R(max)}$: 40 °C
Motor protection: thermal contact
Impeller : Impeller made of galvanised sheet metal, uncoated
Conformity: CE

ErP-data

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

* Rated data

Characteristic curve



Measured in housing from ZIEHL-ABEGG.

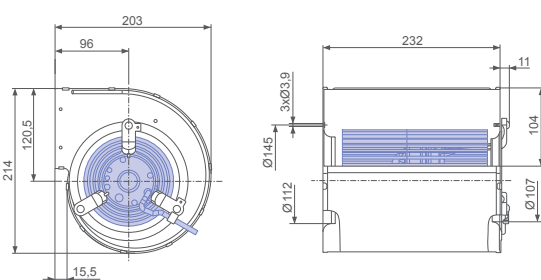
- Connection diagram
- System components

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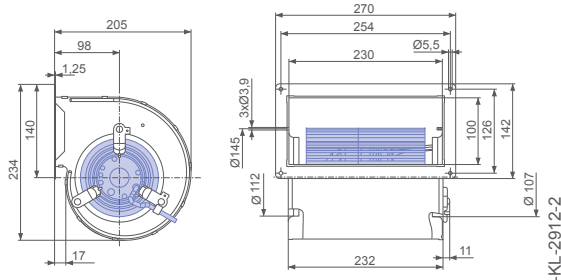
Dimensions [mm]

Fan with housing, double inlet
without flange



L-KL-2913-2

Fan with housing, double inlet
with flange



L-KL-2912-2



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]
RD13S-4EP.W6.2R	I	230	①	0.25	56	1410	
		230	②	0.27	62	1220	56
		230*	③	0.30*	69*	1000*	59

*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	RD13S-4EP.W6.2R	RD13S-4EP.W6.2R
Article no.	113144	113214
Weight [kg]	3.20	3.20

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, 4 pole

RD13S-4E



Description

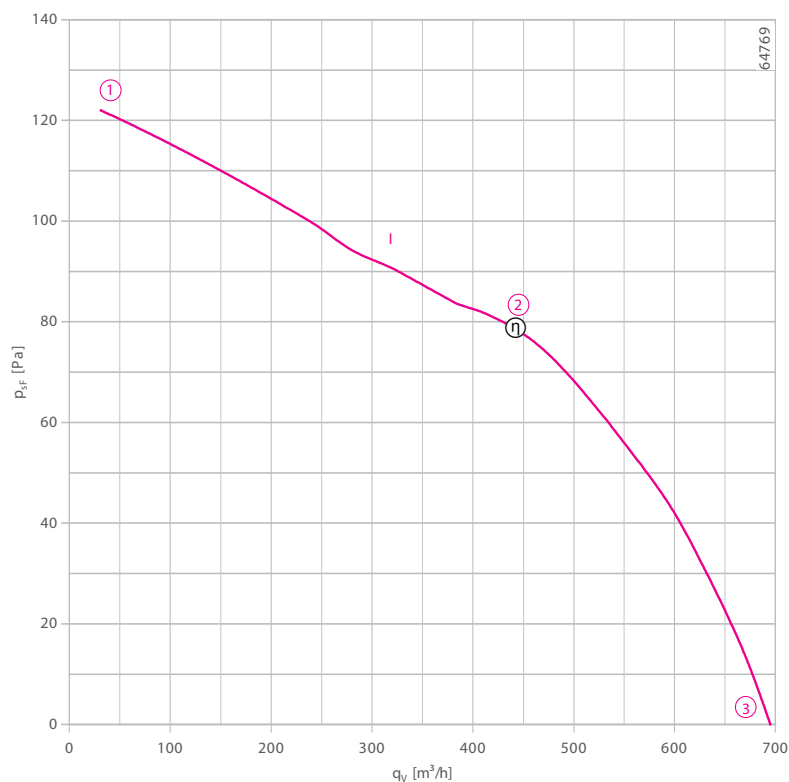
Motor technology: AC
Rated voltage U_N : 1~ 230 V*
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.06 kW*
Rated current I_N : 0.28 A*
Rated speed n_N : 1050 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 2.0 μ F
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -20 °C
Max. permitted ambient temperature $t_{R(max)}$: 65 °C
Motor protection: thermal contact
Impeller : Impeller made of galvanised sheet metal, uncoated
Conformity: CE

ErP-data

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

* Rated data

Characteristic curve



Measured in housing from ZIEHL-ABEGG.

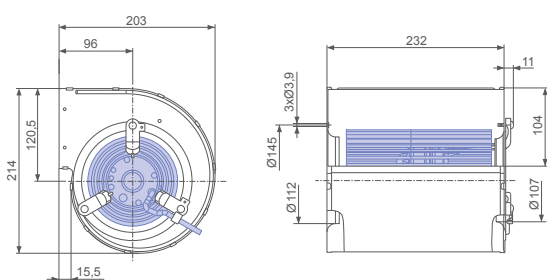
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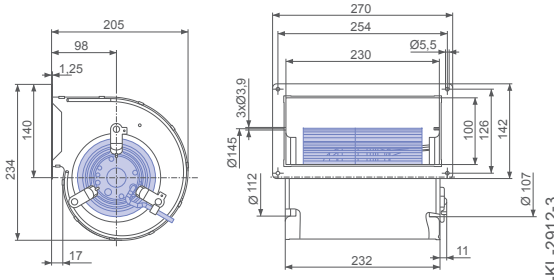
Dimensions [mm]

Fan with housing, double inlet
without flange



L-KL-2913-3

Fan with housing, double inlet
with flange



L-KL-2912-3

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]
RD13S-4EP.W8.2R	I	230	①	0.20	45	1430	
		230	②	0.22	51	1320	58
		230*	③	0.28*	64*	1050*	60

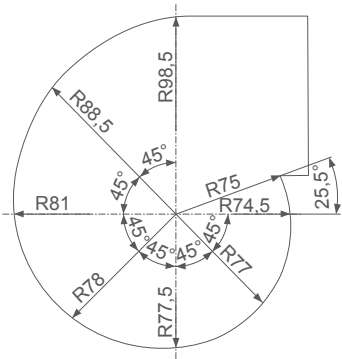
*rated data

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	RD13S-4EP.W8.2R	RD13S-4EP.W8.2R
Article no.	113213	113080
Weight [kg]	3.50	3.50

Control technology

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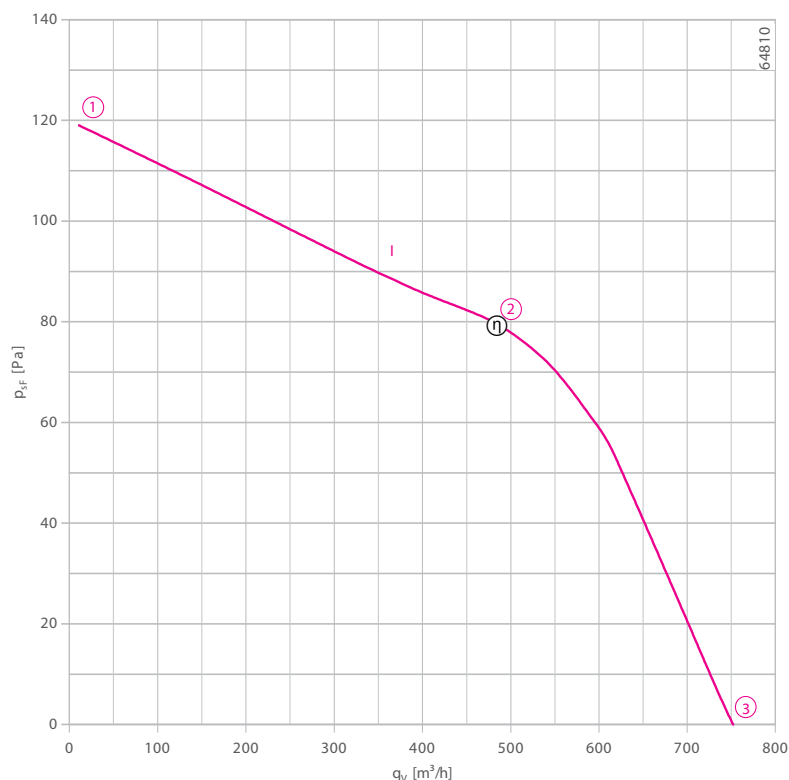
S-series

for single phase alternating current, 4 pole

RD13S-4E



Characteristic curve



Measured in housing from ZIEHL-ABEGG.

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 : 0.37 A*
 Rated speed n_N : 1140 min⁻¹*
 Current increase ΔI : 0 %
 Service capacitor C_{400V} : 2.0 μ F
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -20 °C
 Max. permitted ambient temperature $t_{R(max)}$: 50 °C
 Motor protection: thermal contact
 Impeller : Impeller made of galvanised sheet metal, uncoated
 Conformity: CE

ErP-data

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

* Rated data

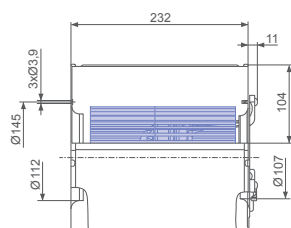
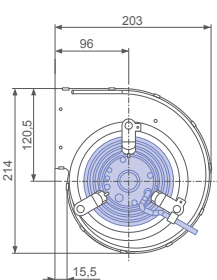
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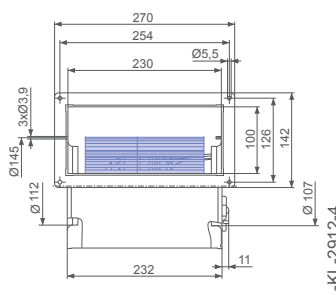
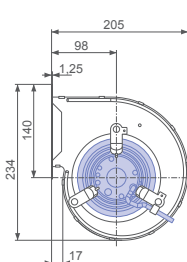
Dimensions [mm]

Fan with housing, double inlet
without flange



L-KL-2913-4

Fan with housing, double inlet
with flange



L-KL-2912-4

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]
RD13S-4EP.WA.2R	I	230	①	0.30	62	1450	
		230	②	0.32	69	1330	58
		230*	③	0.37*	83*	1140*	62

*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	RD13S-4EP.WA.2R	RD13S-4EP.WA.2R
Article no.	113208	113081
Weight [kg]	3.50	3.70

Control technology

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