

L-series

for single phase alternating current, 2 pole

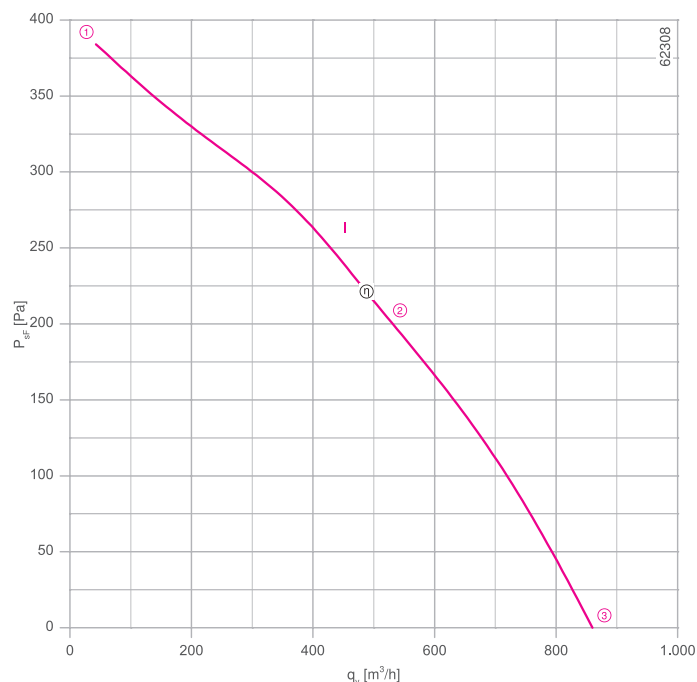
RH22L-2E



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 : 0.10 kW*
Rated current I_N : 0.44 A*
Rated speed n_N : 2500 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 2.5 μ F
Thermal class: THCL130*
Min. permitted ambient temperature $t_{R(min)}$: -30 °C
Max. permitted ambient temperature $t_{R(max)}$: 60 °C
Motor protection: Thermal contact
Impeller : High Performance Composite Material, uncoated
Conformity: CE
ErP-data
Not subject to ErP regulations ($P_1 < 125$ W)
* Rated data

Characteristic curve

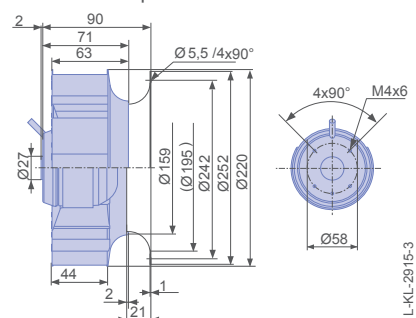


measured with inlet ring, without guard grille according to ISO 5801

➤ Inlet ring	00407898	Page 451
➤ Connection diagram	1360-177X SW	Page 550
➤ System components		Page 448

Dimensions [mm]

Free-running motor impeller RH
in installation position H/Vu/Vo

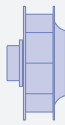


Performance data

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]
RH22L-2EP.WA.1R	I	230	①	0.29	65	2820	
		230*	②	0.44*	100*	2500*	72
		235	③	0.35	80	2710	77

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH22L-2EP.WA.1R
Article no.	113036
Weight [kg]	1.91
* Inlet ring not included	

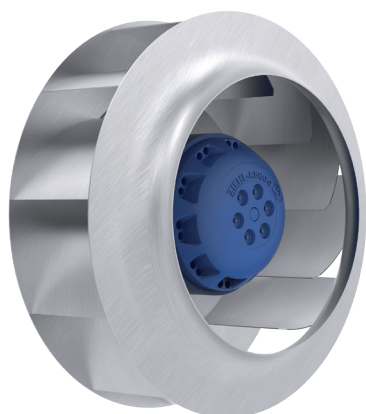
Control technology

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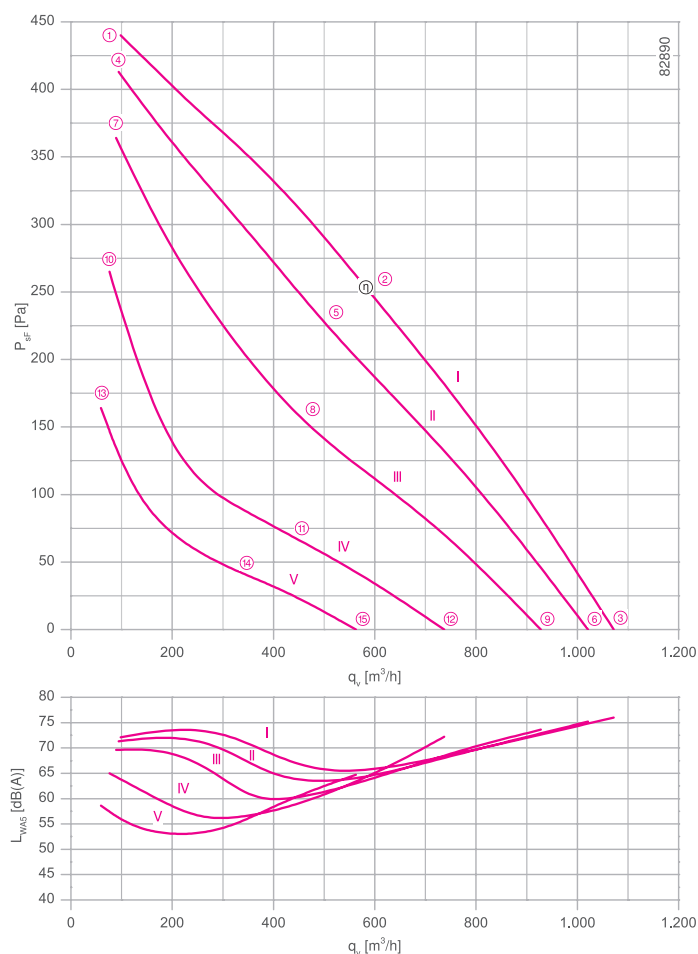
RH22L-2E



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 : 0.12 kW*
Rated current I_N : 0.54 A*
Rated speed n_N : 2450 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 4.0 μ F
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -30 °C
Max. permitted ambient temperature $t_{R(max)}$: 60 °C
Motor protection: Thermal contact
Impeller : High Performance Composite Material, uncoated
Conformity: CE
ErP-data
Not subject to ErP regulations ($P_1 < 125$ W)
* Rated data

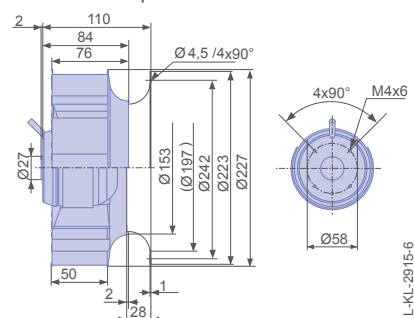
Characteristic curve



➤ Inlet ring	00407899	Page 451
➤ Connection diagram	1360-177X SW	Page 550
➤ System components		Page 448

Dimensions [mm]

Free-running motor impeller RH
in installation position H/Vu/Vo

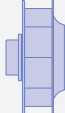


Performance data

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]
RH22L-2EP.WC.2R	I	230	①	0.42	90	2720	72
		230*	②	0.54*	120*	2450*	66
		230	③	0.46	100	2630	76
	II	200	④	0.40	80	2630	71
		200	⑤	0.54	110	2240	64
		200	⑥	0.46	90	2500	75
	III	170	⑦	0.40	65	2480	70
		170	⑧	0.52	85	1920	60
		170	⑨	0.46	75	2280	74
	IV	135	⑩	0.38	50	2110	65
		135	⑪	0.46	60	1440	57
		135	⑫	0.42	55	1820	72
	V	110	⑬	0.36	40	1670	59
		110	⑭	0.38	42	1110	53
		110	⑮	0.37	42	1390	65

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH22L-2EP.WC.2R
Article no.	161616
Weight [kg]	2.55
* Inlet ring not included	

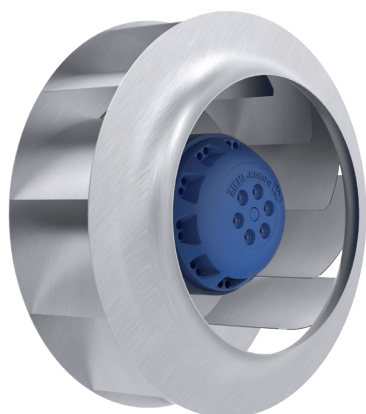
Control technology

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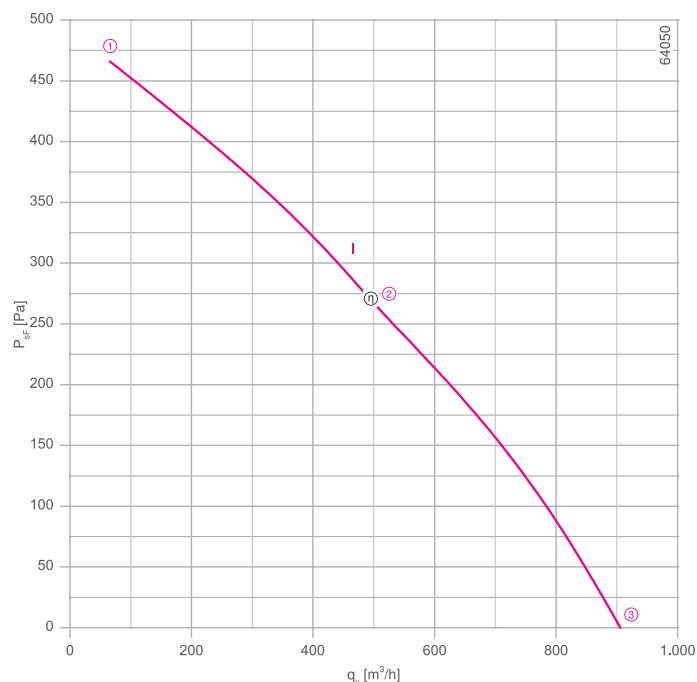
RH22L-2E



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 : 0.48 A*
Rated speed n_N : 2560 min⁻¹*
Current increase ΔI : 5 %
Service capacitor C_{400V} : 3.0 μ F
Thermal class: THCL130*
Min. permitted ambient temperature $t_{R(min)}$: -30 °C
Max. permitted ambient temperature $t_{R(max)}$: 70 °C
Motor protection: Thermal contact
Impeller : Galvanised sheet metal, uncoated
Conformity: CE
ErP-data
Not subject to ErP regulations ($P_1 < 125$ W)
* Rated data

Characteristic curve

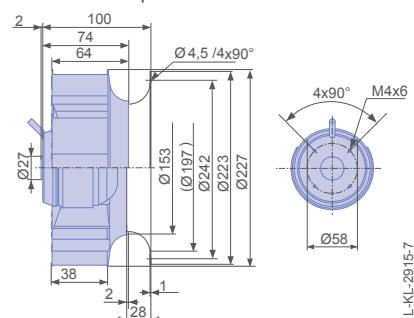


measured with inlet ring, without guard grille according to ISO 5801

➤ Inlet ring	00407899	Page 451
➤ Connection diagram	1360-177X SW	Page 550
➤ System components		Page 448

Dimensions [mm]

Free-running motor impeller RH
in installation position H/Vu/Vo

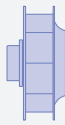


Performance data

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]
RH22L-2EP.WC.3R	I	230	①	0.32	70	2820	
		230*	②	0.48*	110*	2560*	68
		230	③	0.39	90	2720	77

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH22L-2EP.WC.3R
Article no.	113039
Weight [kg]	2.50
* Inlet ring not included	

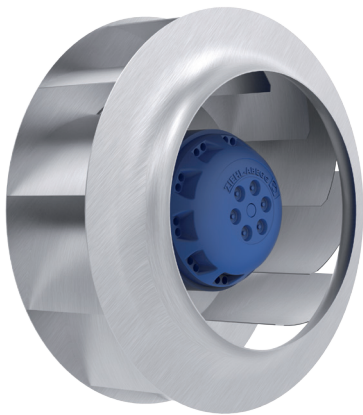
Control technology

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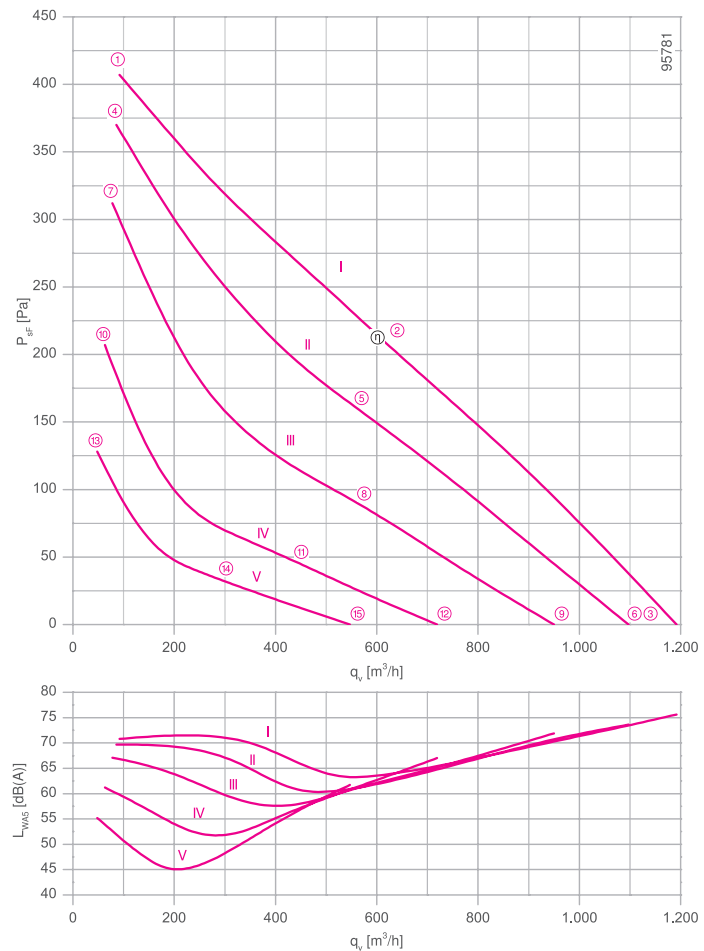
RH22L-2E



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 : 0.12 kW*
Rated current I_N : 0.52 A*
Rated speed n_N : 2180 min⁻¹*
Current increase ΔI : 0 %
Service capacitor C_{400V} : 4.0 μ F
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
Conformity: CE
ErP-data
Not subject to ErP regulations ($P_1 < 125$ W)
* Rated data

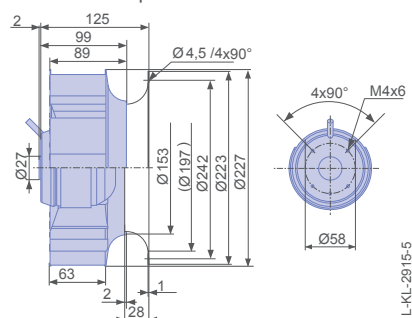
Characteristic curve



➤ Inlet ring	00407899	Page 451
➤ Connection diagram	1360-177X SW	Page 550
➤ System components		Page 448

Dimensions [mm]

Free-running motor impeller RH
in installation position H/Vu/Vo

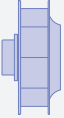


Performance data

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]
RH22L-2EP.WC.4R	I	230	①	0.39	85	2610	71
		230*	②	0.52*	120*	2180*	64
		230	③	0.46	100	2430	76
	II	200	④	0.39	75	2490	70
		200	⑤	0.50	100	1940	61
		200	⑥	0.46	90	2240	74
	III	170	⑦	0.38	60	2290	67
		170	⑧	0.46	80	1600	58
		170	⑨	0.44	75	1950	72
	IV	135	⑩	0.35	48	1870	61
		135	⑪	0.40	55	1200	52
		135	⑫	0.38	50	1480	67
	V	110	⑬	0.31	34	1470	55
		110	⑭	0.33	36	940	46
		110	⑮	0.33	36	1130	62

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable variable 45cm
	
Type	RH22L-2EP.WC.4R
Article no.	161615
Weight [kg]	2.64
* Inlet ring not included	

Control technology

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