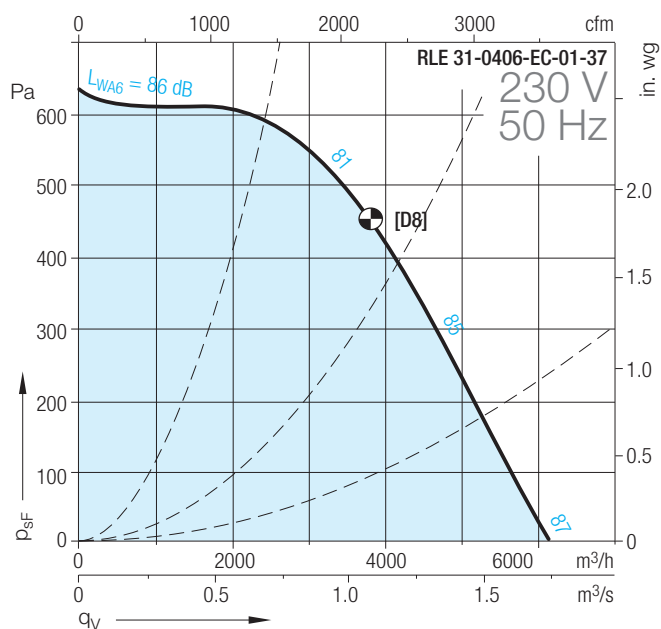
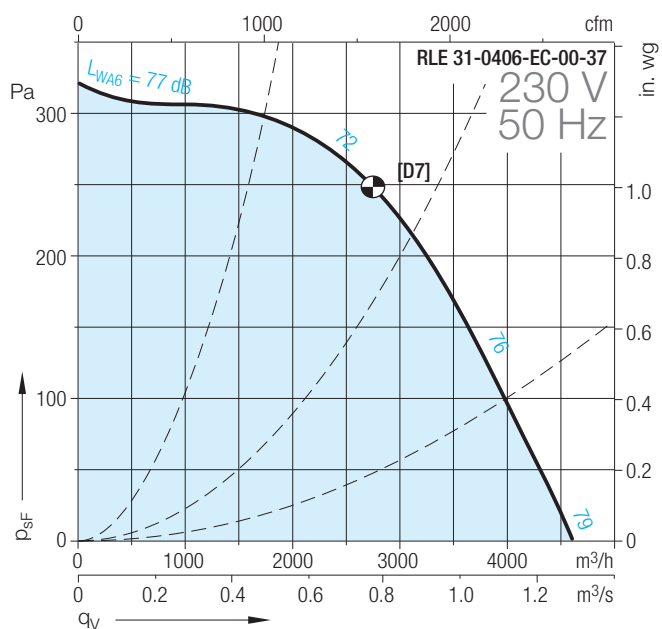
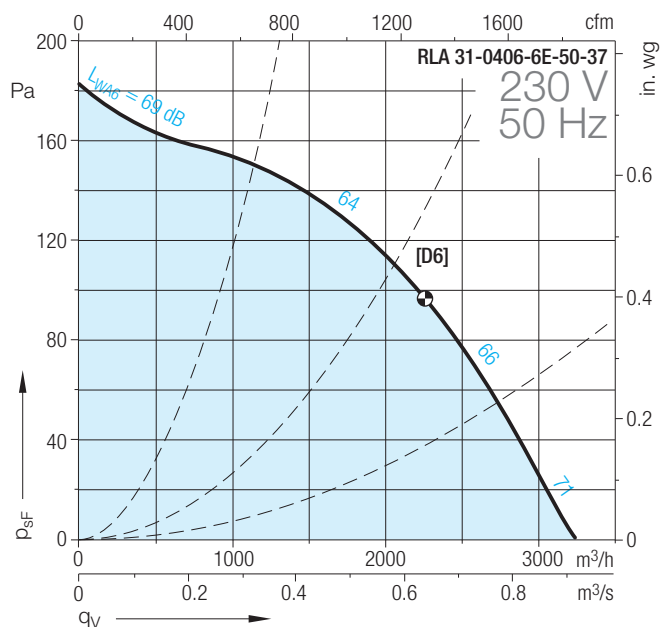
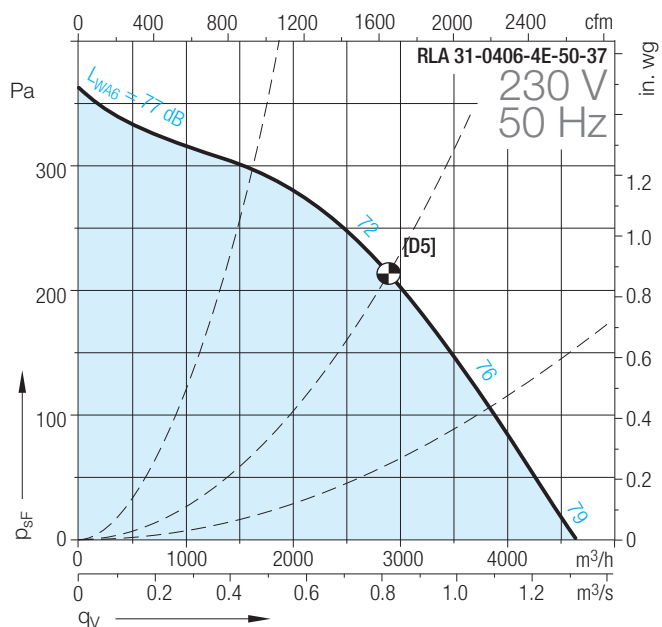
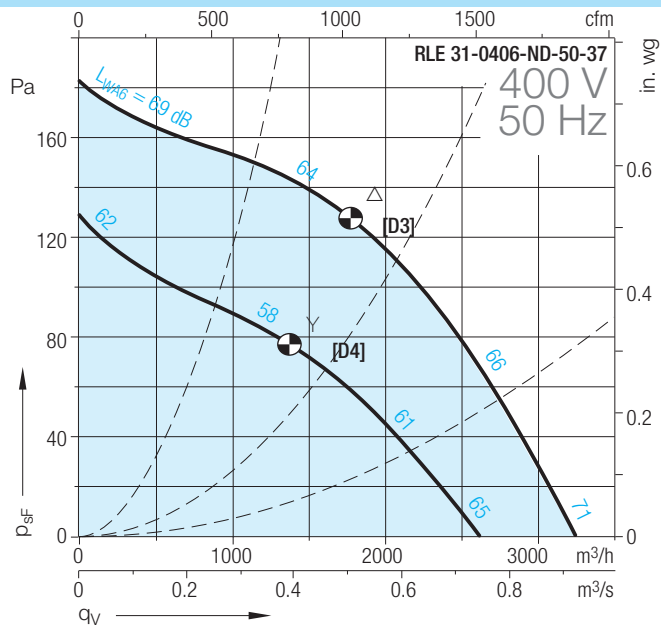
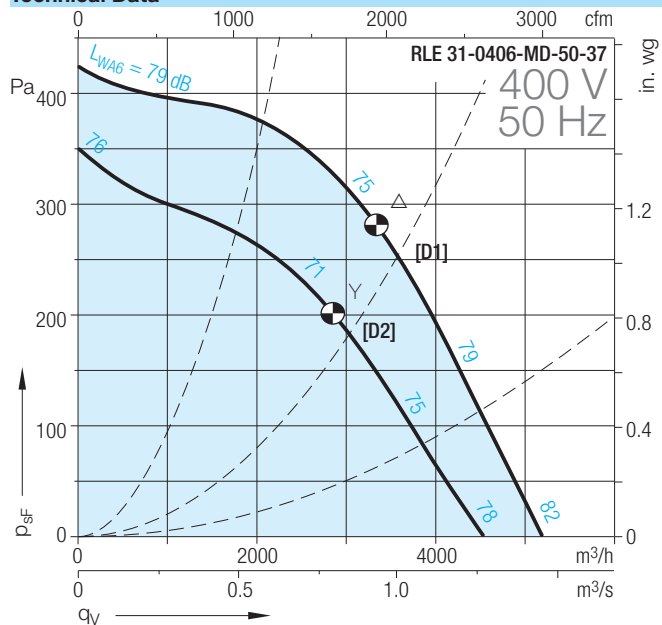


RLE 30-0406-37

Technical Data



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RLE 30-0406-37

Technical Data

RLE 30-	Voltage V	Phases	Frequency Hz	Speed 1/min	Max. power consumption kW	Nominal current A	Starting-/full load current (I _A /I _N)	Operating Capacitor μF	Motor protection class	Motor ther- mal class	Media Temperature max. °C	Impeller weight kg
0406-MD-50-37	400	3~	50	1400/1190	0.58/0.44	1.35/0.74	3.4		IP44	F	60	11.6
0406-ND-50-37	400	3~	50	890/690	0.22/0.13	0.55/0.23	2		IP44	F	60	8.7
0406-4E-50-37	230	1~	50	1220	0.52	2.3	1.8	12	IP44	F	60	11.6
0406-6E-50-37	230	1~	50	890	0.2	0.91	1.7	5	IP44	F	60	9.3
0406-EC-00-37	230	1~	50/60	1260	0.38	1.67			IP44	B	40	9.5
0406-EC-01-37	230	1~	50/60	1760	1	4.4			IP44	F	40	9.5

(0) = Stepless speed controllable via tension variation

(5) = Stepless speed controllable via electronic Commutation Unit

* = No speed control available

Sound level for inlet side L_{WA5} = L_{WA6} - 2 dB.Density of media **1.15 kg/m³**.

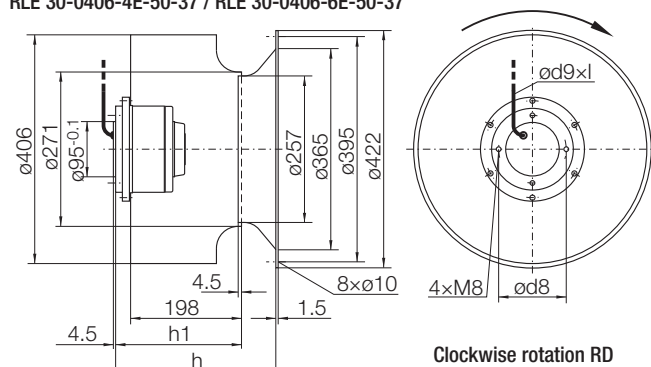
Performance curves and sound data are valid only for the motor impeller in connection with our inlet cone!

The fans must be used with the Electronic Commutation Unit EKE05.

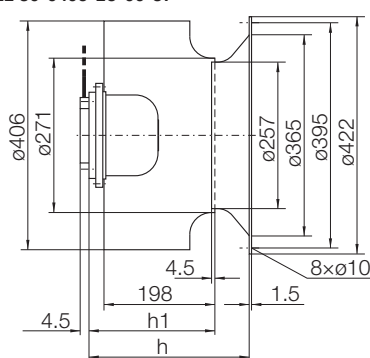
Dimensions in mm, subject to change.

RLE 30-0406-MD-50-37 / RLE 30-0406-ND-50-37

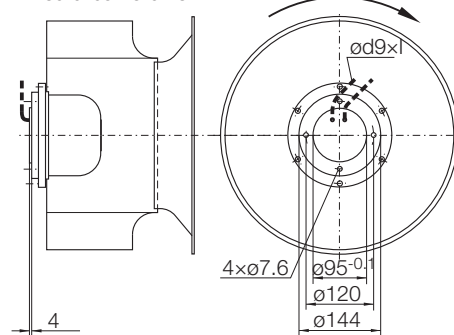
RLE 30-0406-4E-50-37 / RLE 30-0406-6E-50-37



RLE 30-0406-EC-00-37



RLE 30-0406-EC-01-37



Dimensions for fan type				Mains
RLE 30-	d8	h	h1	ød9×l
0406-MD-50-37	120	288.5	225.5	ø9.6×650
0406-ND-50-37	115	286.5	223.5	ø9.6×650
0406-4E-50-37	120	288.5	225.5	ø8.4×650
0406-6E-50-37	115	286.5	223.5	ø8.4×650

Dimensions for fan type				Mains	Level sensor
RLE 30-	h	h1	ød9×l	ød9×l	ød9×l
0406-EC-00-37	268.5	223.5	ø7.2×800	ø6.8×800	ø6.8×800
0406-EC-01-37	270.5	225.5	ø7.2×800	ø6.8×800	ø6.8×800

Duty Point		Relative sound power level for discharge side L _{Wrel6}									Relative sound power level for inlet side L _{Wrel5}								
N [1/min]	q _v	63	125	250	500	1000	2000	4000	8000	Hz	63	125	250	500	1000	2000	4000	8000	Hz
450...900	0.3 q _{vmax}	+8	0	-2	-5	-4	-7	-14	-22	dB	+9	+2	0	-1	-7	-11	-15	-19	dB
450...900	0.6 q _{vmax}	+7	+1	-2	-5	-4	-7	-13	-21	dB	+7	+2	+1	-1	-7	-11	-16	-23	dB
450...900	1.0 q _{vmax}	+2	-2	-3	-5	-5	-6	-12	-23	dB	+3	+2	+1	-1	-7	-10	-15	-25	dB
901...1760	0.3 q _{vmax}	+5	+1	-1	-5	-4	-7	-12	-19	dB	+7	+3	0	-1	-7	-11	-14	-20	dB
901...1760	0.6 q _{vmax}	-1	+2	-1	-5	-5	-7	-11	-17	dB	+2	+3	+1	-1	-7	-11	-14	-20	dB
901...1760	1.0 q _{vmax}	-4	-1	-4	-5	-5	-7	-11	-15	dB	-4	+1	0	-1	-7	-10	-13	-16	dB



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