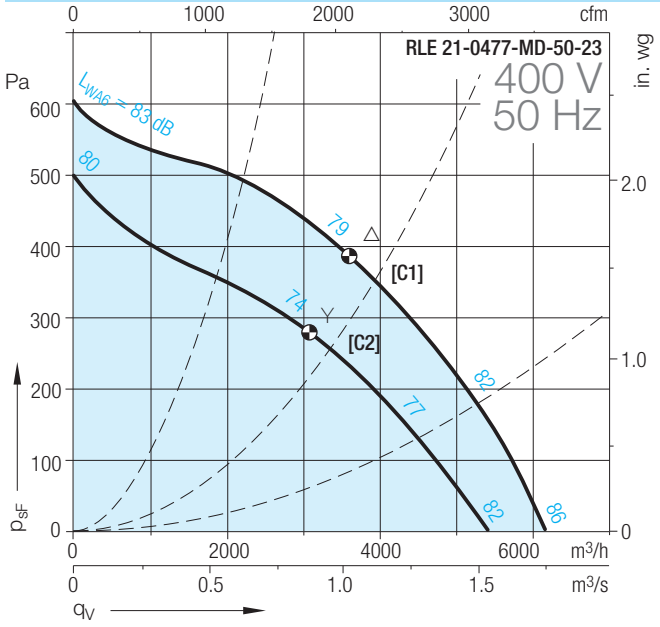
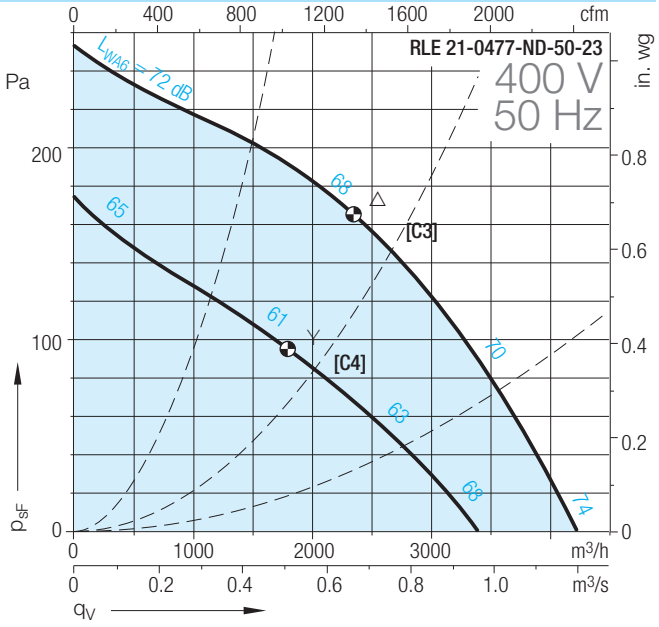
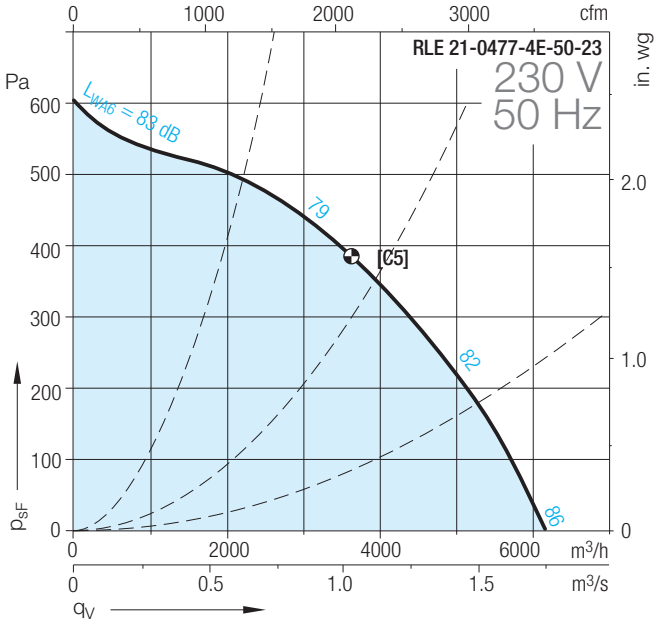
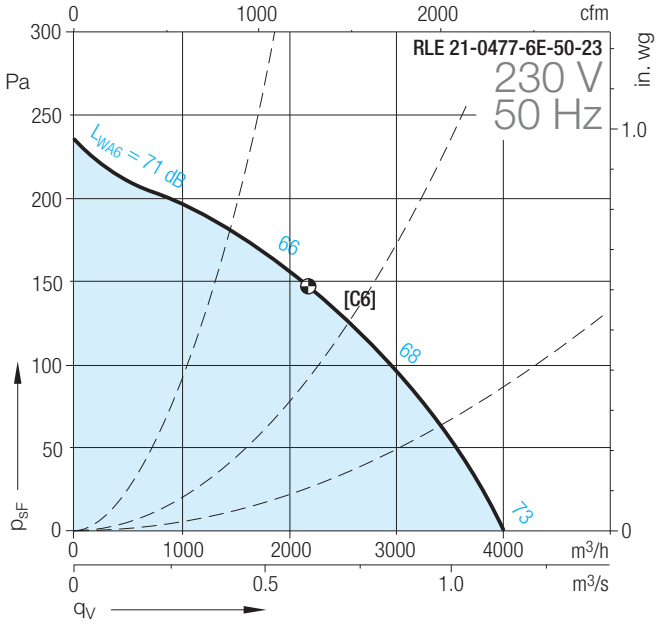
RLE 20-0477-23

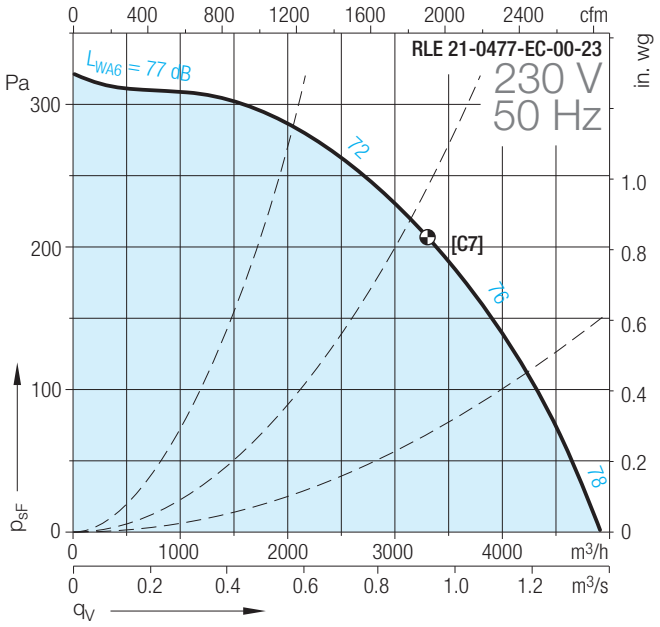
Technical Data

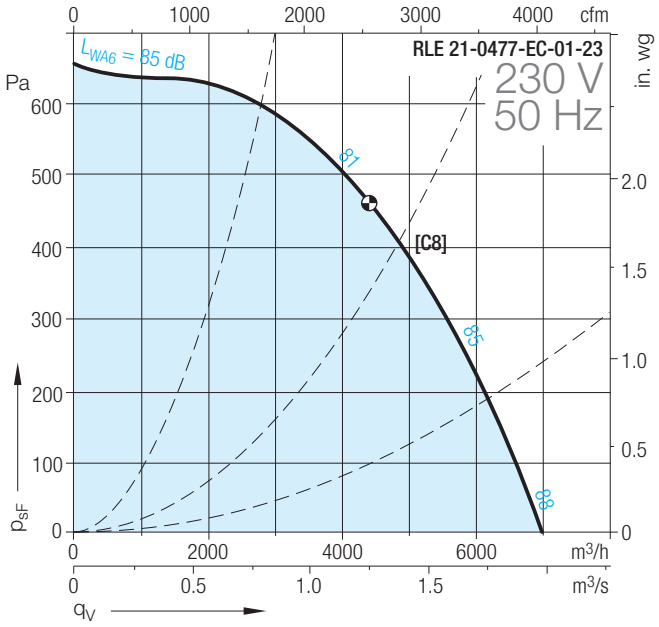












RLE 20-0477-23

Technical Data

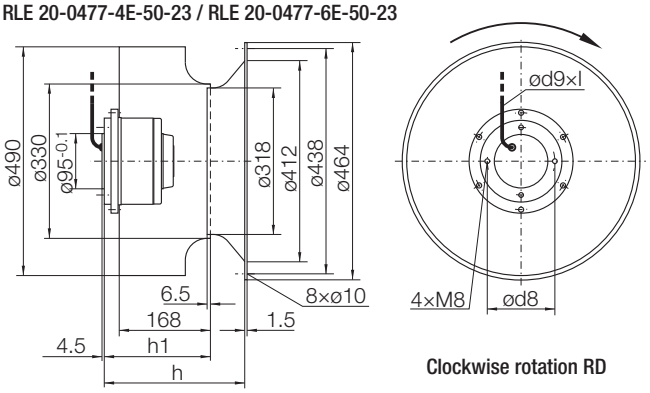
RLE 20-	Voltage V	Phases	Frequency Hz	Speed 1/min	Max. power consumption kW	Nominal current A	Starting-/full load current (I_A/I_N)	Operating Capacitor µF	Motor protection class	Motor thermal class	Media Temperature max. °C	Impeller weight kg
0477-MD-50-23	400	3~	50	1370/1160	0.82/0.57	2.1/1	3.7		IP44	F	60	21.2
0477-ND-50-23	400	3~	50	880/670	0.28/0.18	0.7/0.3	2.3		IP44	F	60	15.6
0477-4E-50-23	230	1~	50	1380	0.85	4.3	2.6	20	IP44	F	60	21.2
0477-6E-50-23	230	1~	50	830	0.28	1.4	1.3	8	IP44	F	60	15.6
0477-EC-00-23	230	1~	50/60	1070	0.37	1.62			IP44	B	40	15.8
0477-EC-01-23	230	1~	50/60	1530	0.98	4.3			IP44	F	40	18.2

(0) = Stepless speed controllable via tension variation
(5) = Stepless speed controllable via electronical 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 Electronical Commutation Unit EKE05.

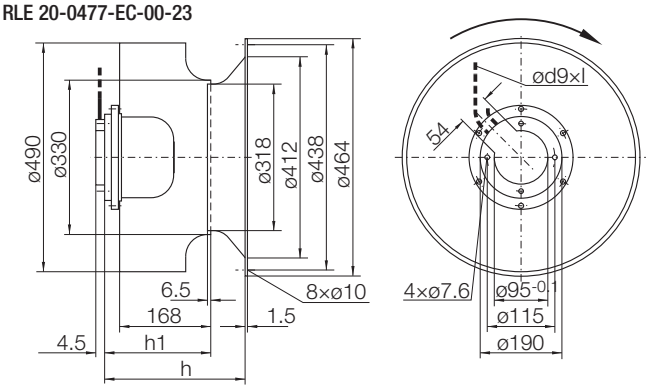
Dimensions in mm, subject to change.

RLE 20-0477-MD-50-23 / RLE 20-0477-ND-50-23
RLE 20-0477-4E-50-23 / RLE 20-0477-6E-50-23

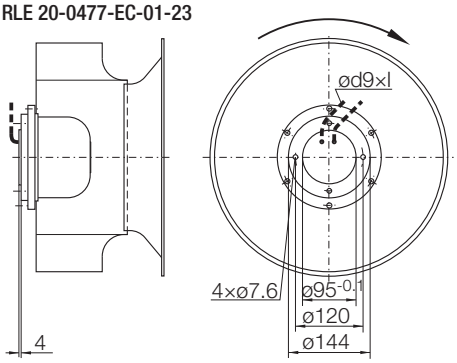


Clockwise rotation RD

RLE 20-0477-EC-00-23



RLE 20-0477-EC-01-23



Dimensions for fan type RLE 20-	d8	h	h1	Mains ød9×l
0477-MD-50-23	120	239	195.5	ø9.6×650
0477-ND-50-23	115	237	193.5	ø9.6×650
0477-4E-50-23	120	239	195.5	ø8.4×650
0477-6E-50-23	115	237	193.5	ø8.4×650

Dimensions for fan type RLE 20-	h	h1	Mains ød9×l	Level sensor ød9×l
0477-EC-00-23	237	193.5	ø7.2×800	ø6.8×800
0477-EC-01-23	239	195.5	ø7.2×800	ø6.8×800

Duty Point

N [1/min]	q_V	Relative sound power level for discharge side L_{Wrel6} 63	125	250	500	1000	2000	4000	8000	Hz	Relative sound power level for inlet side L_{Wrel5} 63	125	250	500	1000	2000	4000	8000	Hz
450...900	**0.3 q_{Vmax}**	+9	+2	-3	-4	-5	-7	-14	-21	dB	+9	+4	0	-2	-6	-11	-17	-23	dB
450...900	**0.6 q_{Vmax}**	+2	-2	-2	-4	-4	-8	-16	-22	dB	+4	+2	+1	-1	-6	-11	-18	-24	dB
450...900	**1.0 q_{Vmax}**	-1	-3	-3	-4	-5	-7	-10	-24	dB	+2	+1	+1	-1	-6	-12	-17	-28	dB
901...	**0.3 q_{Vmax}**	+3	+4	+1	-4	-6	-8	-11	-19	dB	+2	+5	+1	-2	-6	-11	-16	-22	dB
901...	**0.6 q_{Vmax}**	-5	-4	-4	-4	-5	-7	-12	-18	dB	-2	+1	0	-1	-6	-10	-15	-23	dB
901...	**1.0 q_{Vmax}**	-10	-3	-4	-4	-5	-7	-11	-18	dB	-6	0	0	-1	-6	-11	-15	-21	dB