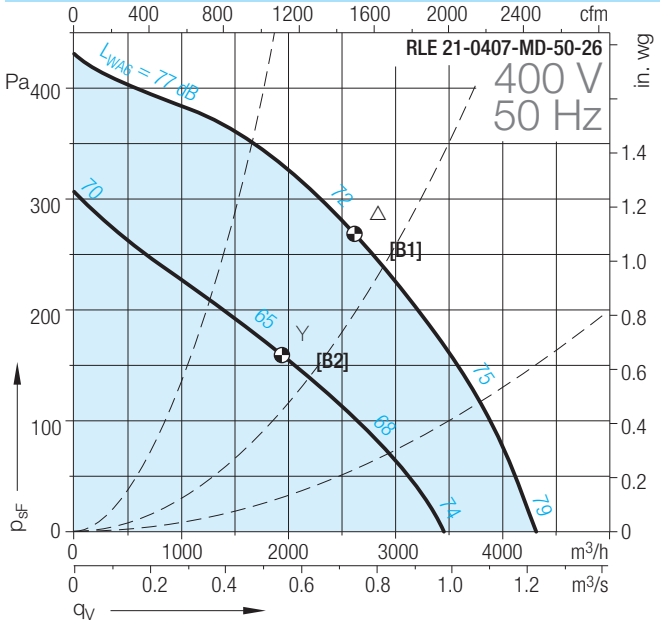
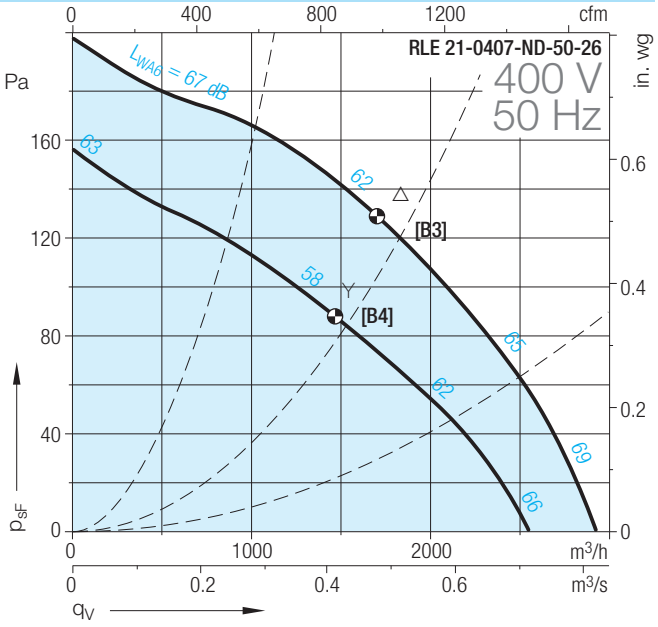
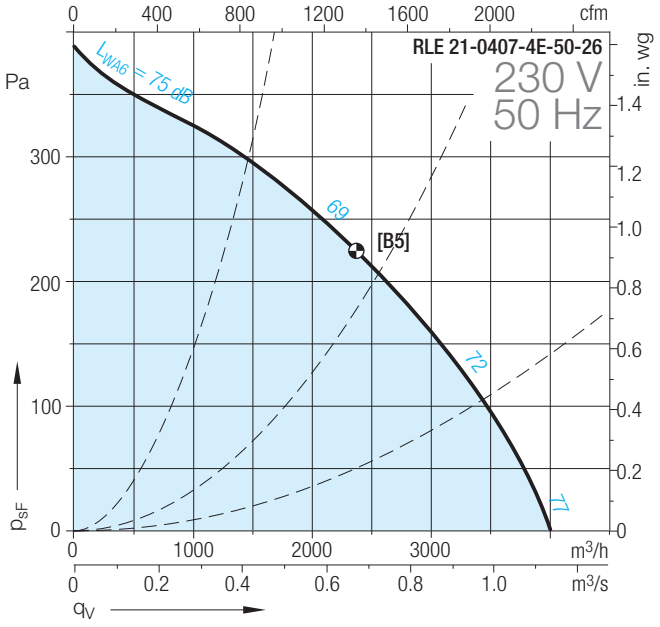
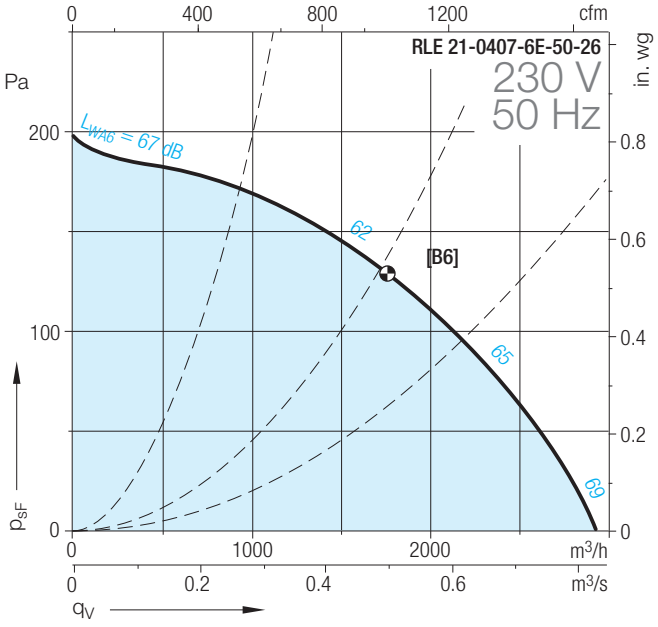
RLE 20-0407-26

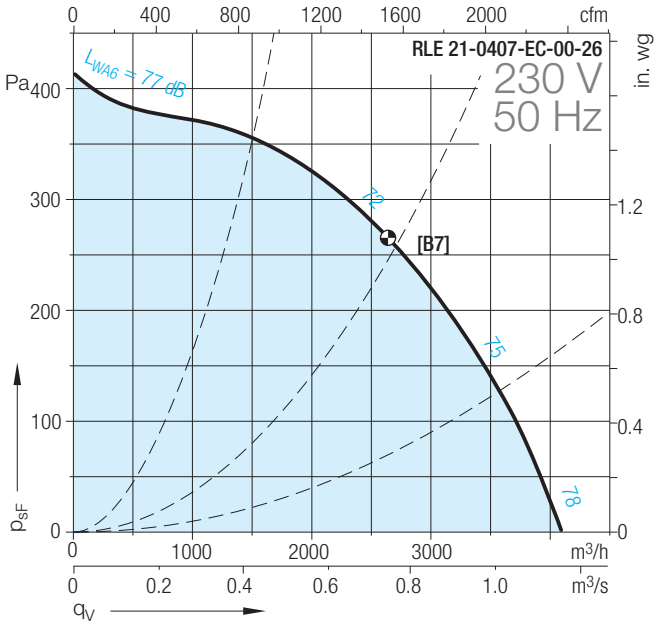
Technical Data

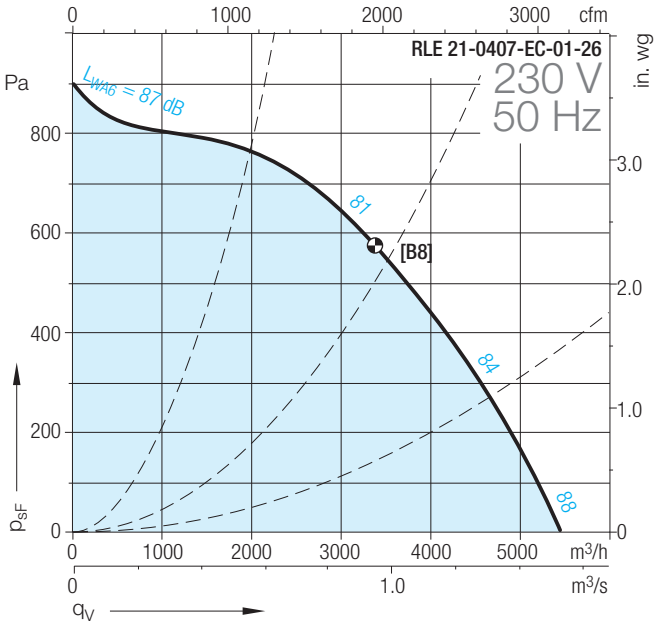












RLE 20-0407-26

Technical Data

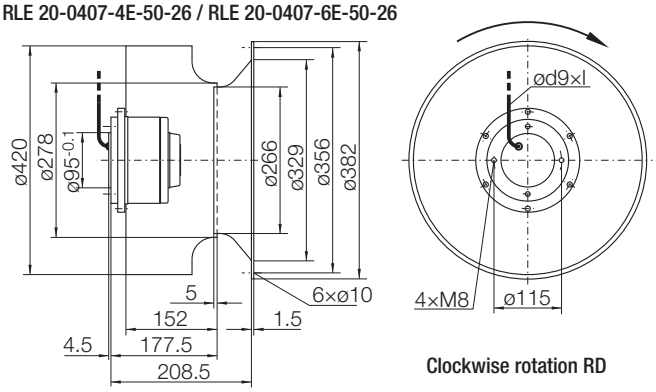
RLE 20-	Voltage V	Phases	Frequency Hz	Speed 1/min	Max. power consumption kW	Nominal current A	Starting-/full load current (I_A/I_N)	Operating Capacitor µF	Motor protection class	Motor thermal class	Media Temperature max. °C	Impeller weight kg
0407-MD-50-26	400	3~	50/60	1340/1020	0.42/0.27	0.9/0.48	3.2		IP44	F	60	10.5
0407-ND-50-26	400	3~	50	920/770	0.21/0.12	0.56/0.23	1.9		IP44	F	60	9.9
0407-4E-50-26	230	1~	50	1220	0.38	1.85	1.8	8	IP44	F	60	10.5
0407-6E-50-26	230	1~	50	930	0.22	1.1	1.7	5	IP44	F	60	9.1
0407-EC-00-26	230	1~	50	1350	0.36	1.6			IP44	B	40	10.7
0407-EC-01-26	230	1~	50/60	1970	1.02	4.5			IP44	F	40	12

(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.

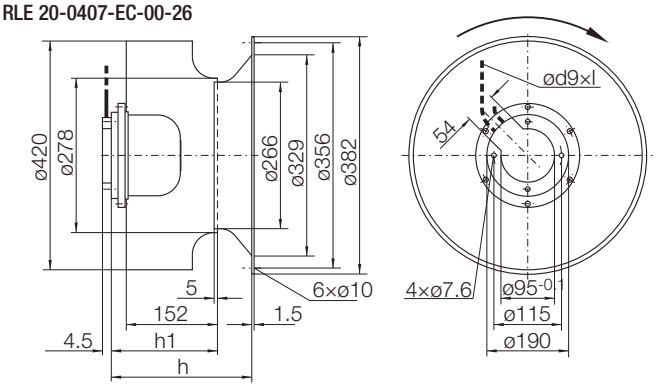
Dimensions in mm, subject to change.

RLE 20-0407-MD-50-26 / RLE 20-0407-ND-50-26
RLE 20-0407-4E-50-26 / RLE 20-0407-6E-50-26

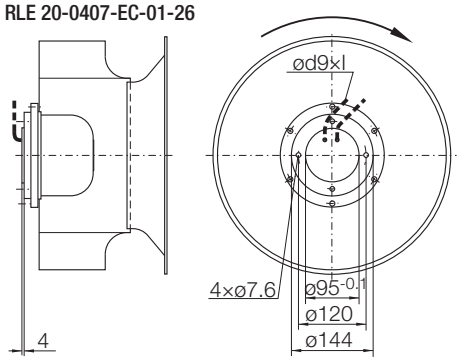


Clockwise rotation RD

RLE 20-0407-EC-00-26



RLE 20-0407-EC-01-26



Dimensions for fan type	Mains
RLE 20-	ød9×l
0407-MD-50-26	ø9.6×650
0407-6D-50-26	ø9.6×650
0407-4E-50-26	ø8.4×650
0407-6E-50-26	ø8.4×650

Dimensions for fan type				Mains	Level sensor
RLE 20-	ød8	h	h1	ød9×l	ød9×l
0407-EC-00-26	115	208.5	177.5	ø7.2×800	ø6.8×800
0407-EC-01-26	120	210.5	179.5	ø7.2×800	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}	+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