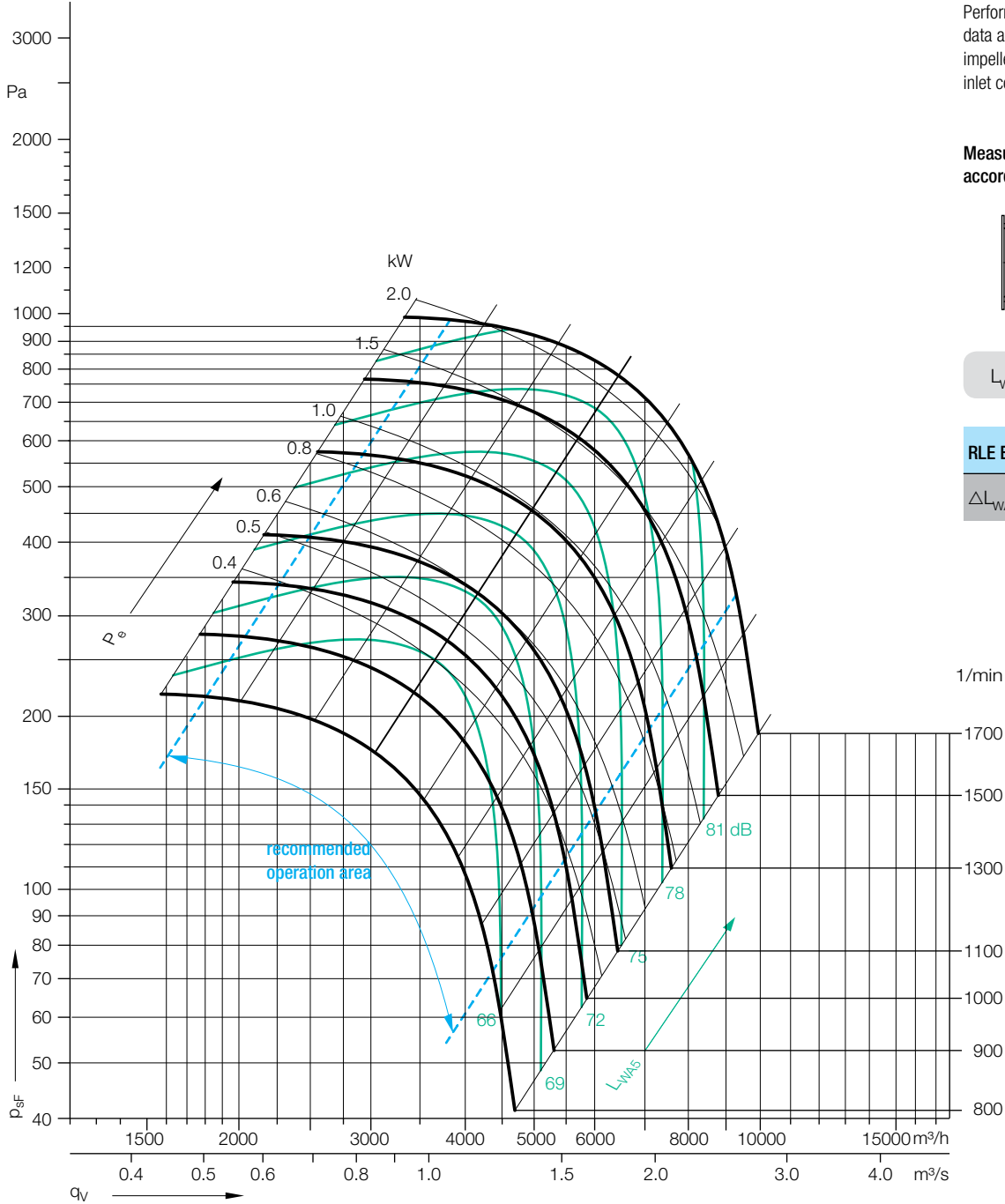


RLE E1-/E3-/E6-4550-EC-06/M6

THE EVOLUTION
CONTINUES.
RLE^{EVO}

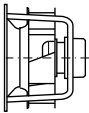
Performance charts



$\rho_1 = 1.20 \text{ kg/m}^3$

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

Measured in installation A according to ISO 5801:



$L_{WA6} = L_{WA5} + \Delta L_{WA}$	
RLE E_-	4550
ΔL_{WA}	+4 dB

Sounds

The value for the discharge side L_{WA6} can be calculated with the following formula.

Inlet side

$L_{Wfc5} = L_{WA5} + L_{Wrel5}$

Relative sound power level for inlet side L_{Wrel5} at octave centre frequencies f_c for the rated area (0.8 ... 1.3 q_{Vopt}).

RLE E_-	63	125	250	500	1000	2000	4000	8000 Hz
4550	3	4	0	-1	-8	-11	-14	-16 dB

Discharge

$L_{Wfc6} = L_{WA6} + L_{Wrel6}$

Relative sound power level for discharge side L_{Wrel6} at octave centre frequencies f_c for the rated area (0.8 ... 1.3 q_{Vopt}).

RLE E_-	63	125	250	500	1000	2000	4000	8000 Hz
4550	-2	-3	-5	-5	-3	-8	-14	-19 dB

RLE E1-/E3-/E6-4550-EC-06/M6

THE EVOLUTION
CONTINUES.
RLE^{EVO}

Technical Data

Fan type	Max. power consumption	Voltage/ connection	Frequency	max. speed	L_{WA5} at Q_{Vopt} (N_{max})	Nominal current	Protection/ temp. class	Calibration factor	media temp.
RLE E1-/E3-/E6-	kW	V	Hz	1/min	dB	A		m ² s/h	°C
RLE ...-4550-EC-06/M6	2.00	380...480, 3~	50/60	1700	80	3.3*	IP54/F	184	-20...+40

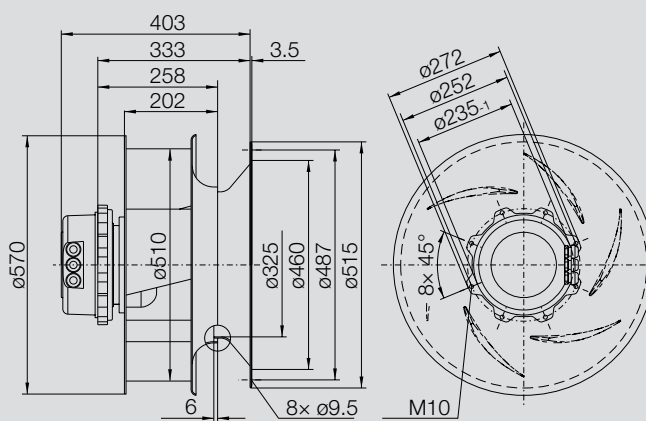
L_{WA6} = A-weighted sound power level at discharge

* at a voltage of 400 V

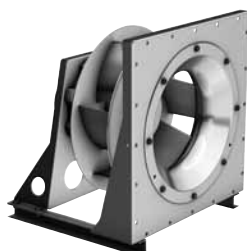
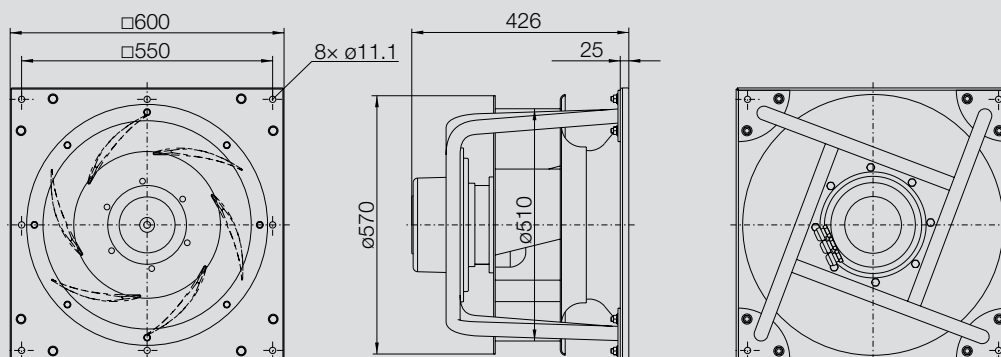
Dimensions in mm, subject to change.



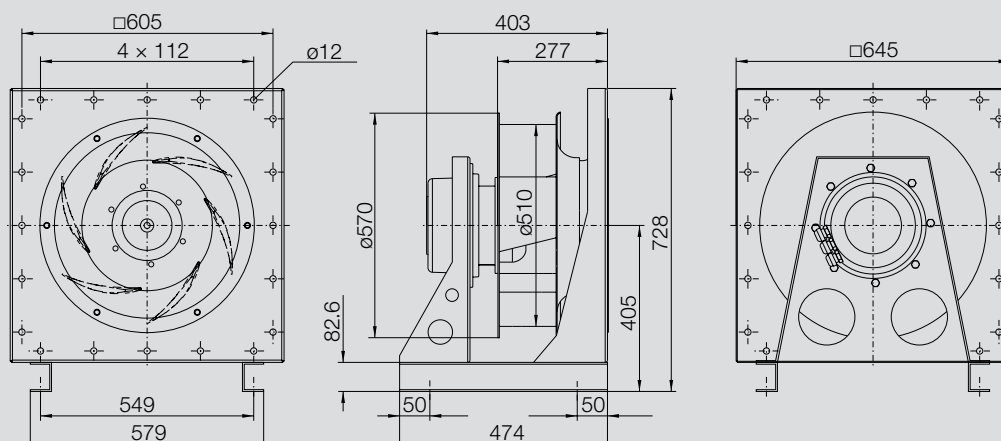
RLE E1-4550-EC-06/M6 32 kg



RLE E3-4550-EC-06/M6 47 kg



RLE E6-4550-EC-06/M6 47 kg



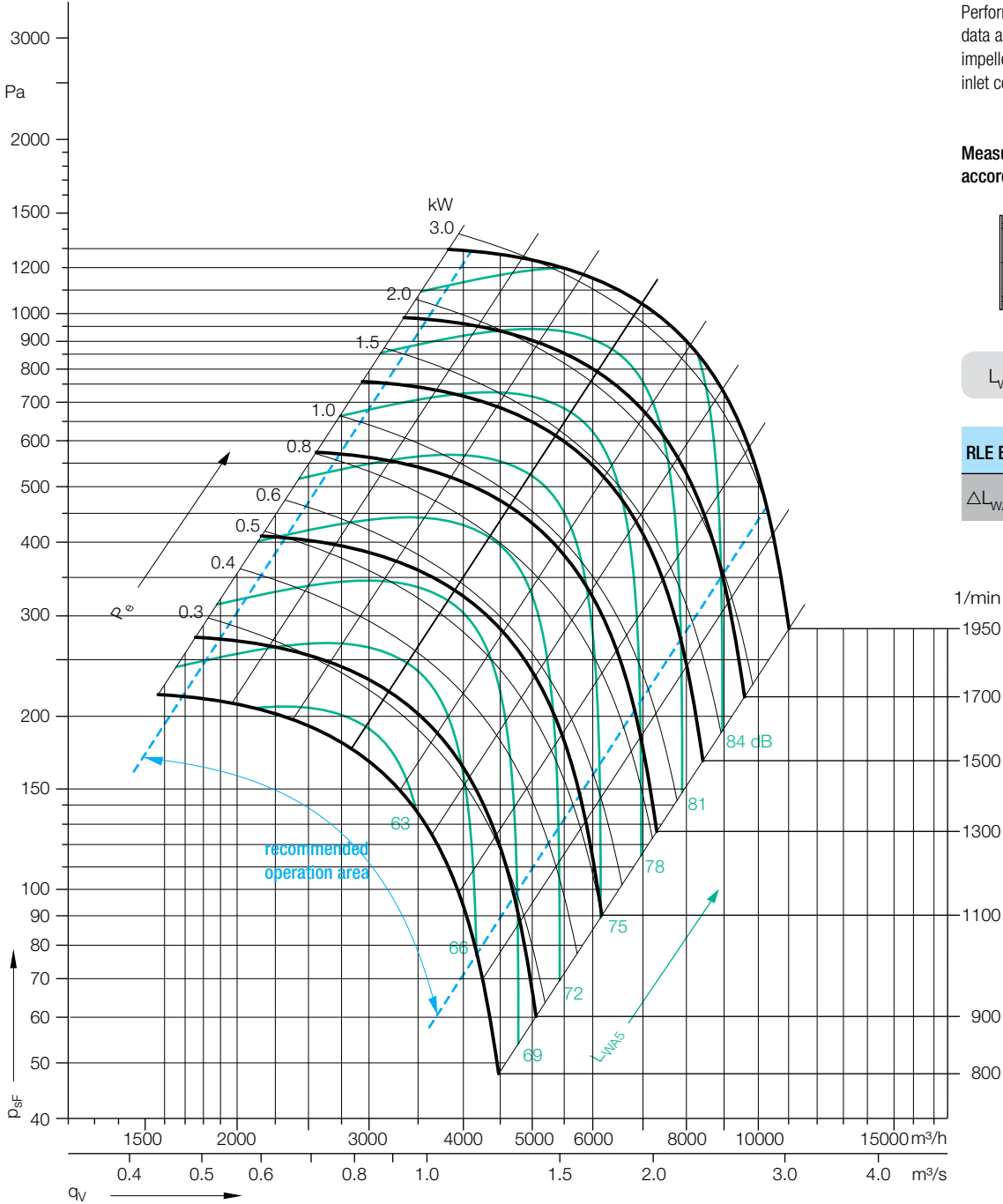
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RLE E1-/E3-/E6-4550-EC-07/M7

THE EVOLUTION
CONTINUES.
RLE^{EVO}

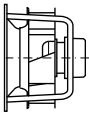
Performance charts



$\rho_1=1.20 \text{ kg/m}^3$

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

Measured in installation A according to ISO 5801:



$L_{WA6} = L_{WA5} + \Delta L_{WA}$	
RLE E_-	4550
ΔL_{WA}	+4 dB

Sounds

The value for the discharge side L_{WA6} can be calculated with the following formula.

Inlet side

$L_{Wfc5} = L_{WA5} + L_{Wrel5}$

Relative sound power level for inlet side L_{Wrel5} at octave centre frequencies f_c for the rated area (0.8 ... 1.3 q_{Vopt}).

RLE E_-	63	125	250	500	1000	2000	4000	8000 Hz
4550	3	4	0	-1	-8	-11	-14	-16 dB

Discharge

$L_{Wfc6} = L_{WA6} + L_{Wrel6}$

Relative sound power level for discharge side L_{Wrel6} at octave centre frequencies f_c for the rated area (0.8 ... 1.3 q_{Vopt}).

RLE E_-	63	125	250	500	1000	2000	4000	8000 Hz
4550	-2	-3	-5	-5	-3	-8	-14	-19 dB

RLE E1-/E3-/E6-4550-EC-07/M7

THE EVOLUTION
CONTINUES.
RLE^{EVO}

Technical Data

Fan type	Max. power consumption	Voltage/ connection	Frequency	max. speed	L_{WA5} at Q_{Vopt} (N_{max})	Nominal current	Protection/ temp. class	Calibration factor	media temp.
RLE E1-/E3-/E6-	kW	V	Hz	1/min	dB	A		m²s/h	°C
RLE ...-4550-EC-07/M7	3.20	380...480, 3~	50/60	1950	83	5.0*	IP54/F	182	-20...+40

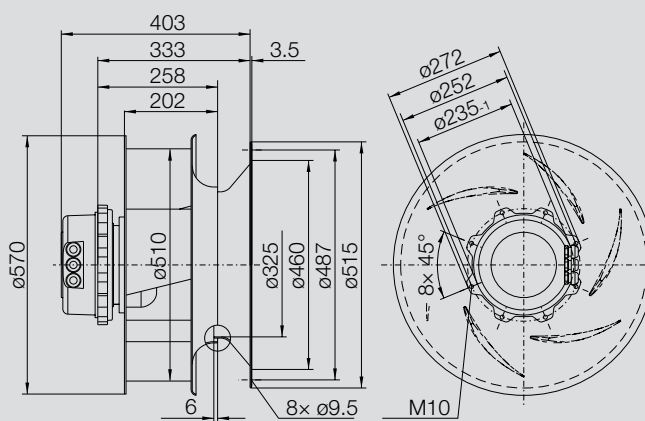
L_{WA6} = A-weighted sound power level at discharge

* at a voltage of 400 V

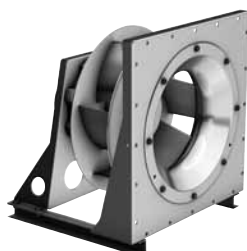
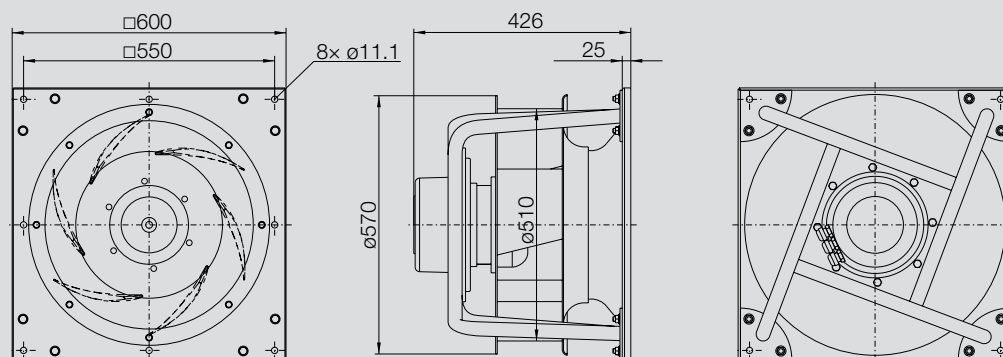
Dimensions in mm, subject to change.



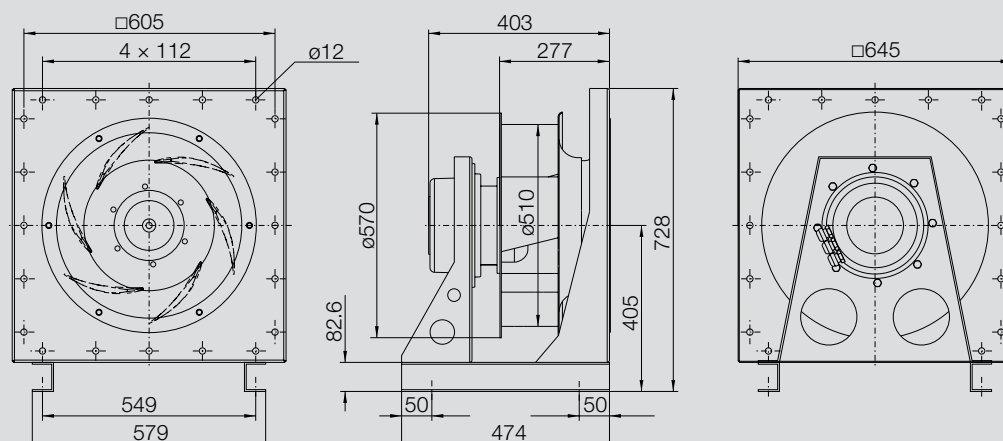
RLE E1-4550-EC-07/M7 36 kg



RLE E3-4550-EC-07/M7 51 kg



RLE E6-4550-EC-07/M7 51 kg



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