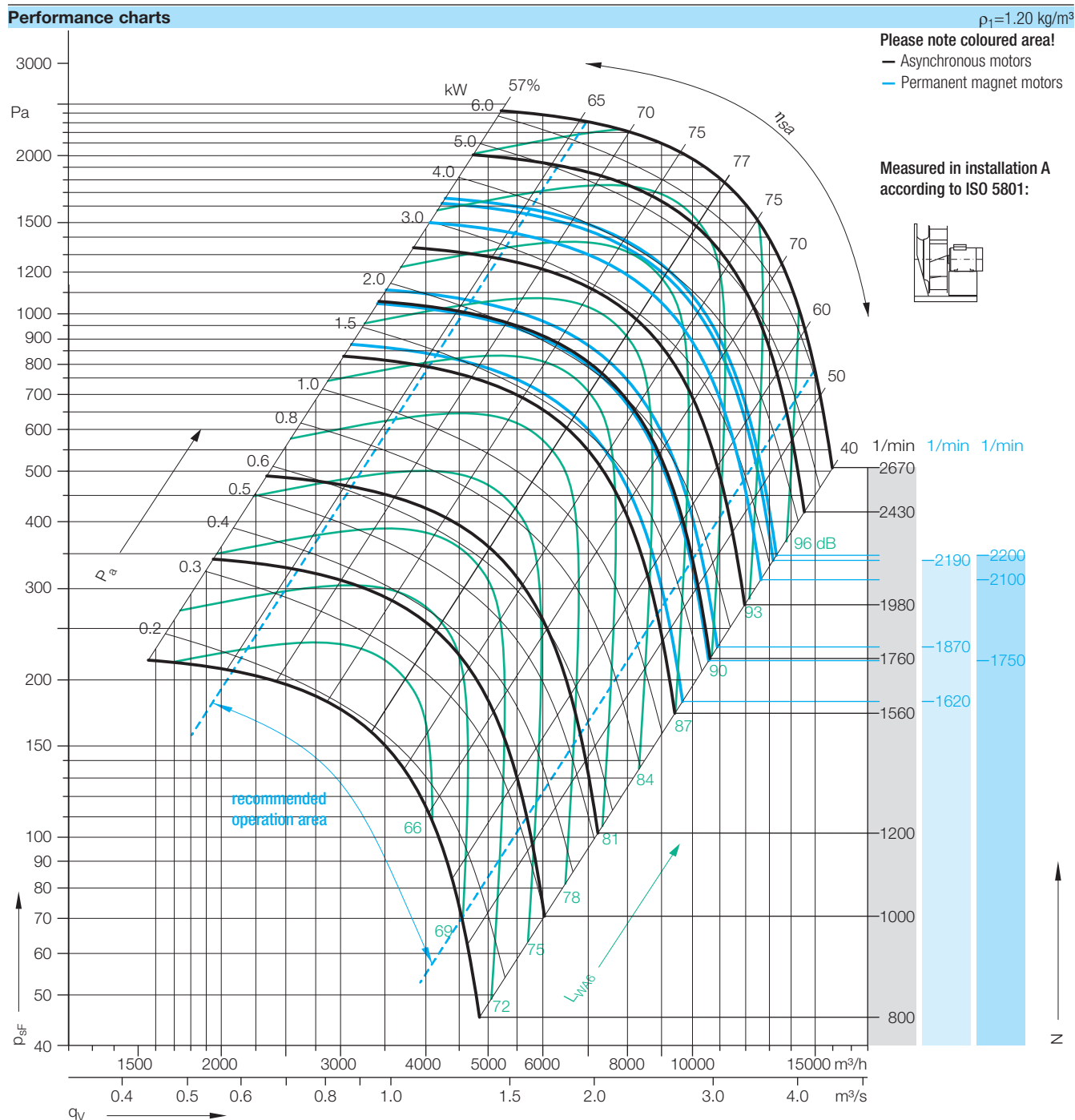


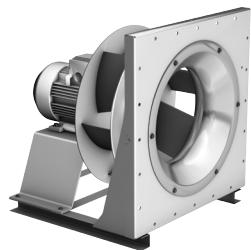
RLM E6-4550

EVOLUTION
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Performance charts



System efficiencies

Comparison system efficiencies η_{se} (impeller, motor, inverter)

RLM E6-4550-	η_{sa}	65	70	75	77	75	70	60	%
4W-21 2430 1/min	η_{se}	55	60	64	65	64	60	51	%
BI-H7 2190 1/min	η_{se}	58	63	67	68	67	63	54	%
BE-H7 2190 1/min	η_{se}	58	63	67	68	67	63	54	%
BI-YG 2100 1/min	η_{se}	58	63	67	69	67	63	54	%
BE-YG 2200 1/min	η_{se}	58	63	68	69	68	63	65	%

Formula symbols

 η_{se} = overall static efficiency (impeller, motor, inverter) η_{sa} = fan shaft static efficiency L_{WA6} = A-weighted sound power level at discharge P_{sf} = fan shaft powerОформить
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RLM E6-4550

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Technical Data

Fan type RLM Evo	Motor power kW (max.)	Mains voltage V	Mains frequency Hz	Nominal speed 1/min	Nominal moment Nm	Nominal current A	max. operating frequency Hz	max. speed 1/min	Motor size **	Poles	approx. weight ~kg
RLM E6-4550-4W-23	7.50	400 △	50	1465		14.70	91	2670	132 M	4	86
RLM E6-4550-4W-21	5.50	400 △	50	1465	—	11.40	82	2430	132 S	4	79
RLM E6-4550-4W-19	4.00	400 △	50	1460	—	8.20	74	2180	112 M	4	65
RLM E6-4550-4W-17	3.00	400 △	50	1455	—	6.20	68	1980	100 L	4	61
RLM E6-4550-4W-16	2.20	400 △	50	1455	—	4.65	60	1760	100 L	4	57
RLM E6-4550-4W-14	1.50	230/400	50	1440	—	5.90/3.40	54	1560	90 L	4	54
RLM E6-4550-BI-H7-L	5.50	380...480	50/60	3000	17.5	11.7...9.3	—	2190	90	—	63
RLM E6-4550-BE-H7-L	5.50	*	*	3000	17.5	11.70	—	2190	90	—	56
RLM E6-4550-BE-H5-L	4.00	*	*	3000	12.7	8.50	—	1870	90	—	54
RLM E6-4550-BE-H3-L	3.00	*	*	3000	9.6	6.40	—	1620	90	—	52
RLM E6-4550-BI-YG-M	4.30	360...460	50/60	1700	24.0	6.40	—	2100	220/55	—	74
RLM E6-4550-BE-YG-M	4.30	*	*	1700	24.0	10.00	—	2200	220/55	—	67
RLM E6-4550-BI-WT-M	2.80	360...460	50/60	1900	14.0	3.70	—	1750	150/70	—	60
RLM E6-4550-BE-WT-M	2.80	*	*	1900	14.0	7.00	—	1750	150/70	—	55

* Motor for operation with inverter only (No mains operation).

We recommend: Danfoss VLT HVAC Drive FC-100.

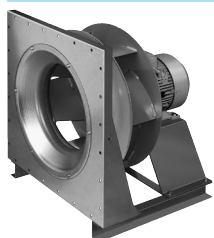
Fan type code

W = Asynchronous motor according to efficiency class IE2 (High Efficiency)

BI = Brushless DC motor with integrated control unit (efficiency class IE3 and higher)

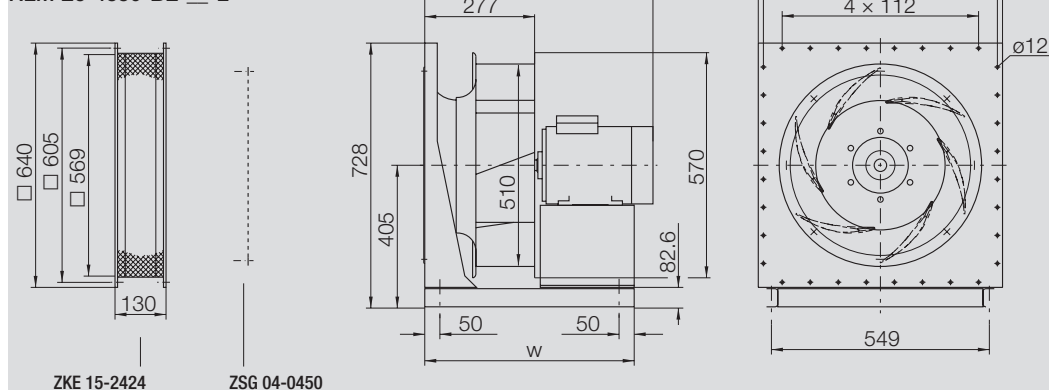
BE = Brushless DC motor with external control unit (efficiency class IE3 and higher)

Dimensions in mm, subject to change.

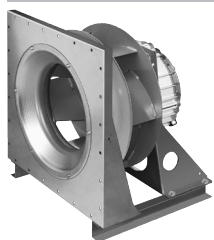


Motor **	k _{max}	w
90	635	530
100	691	552
112	710	559
132	758	598

RLM E6-4550-4W-
RLM E6-4550-BI-__-L
RLM E6-4550-BE-__-L

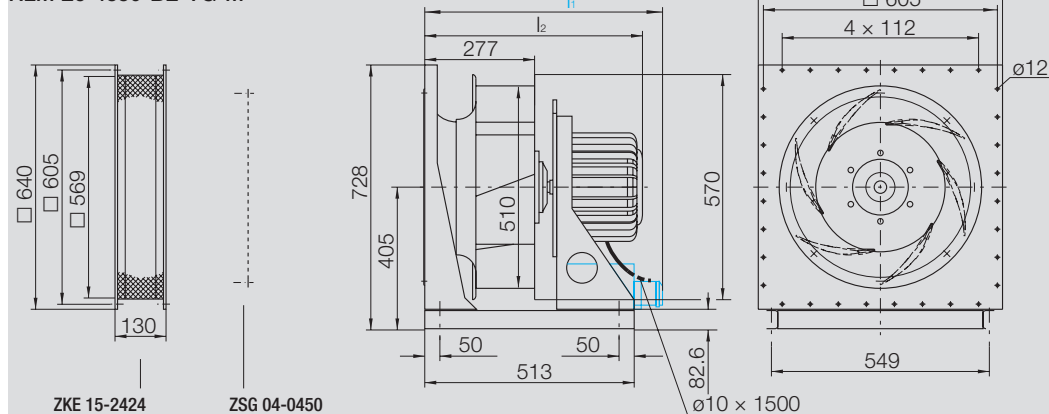


Dimensions in mm, subject to change.



	l ₁	l ₂
BI-YG	582	-
BE-YG	-	495
BI-WT	575	-
BE-WT	-	495

RLM E6-4550-BI-YG-M
RLM E6-4550-BE-YG-M

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