

RLM E6-9010

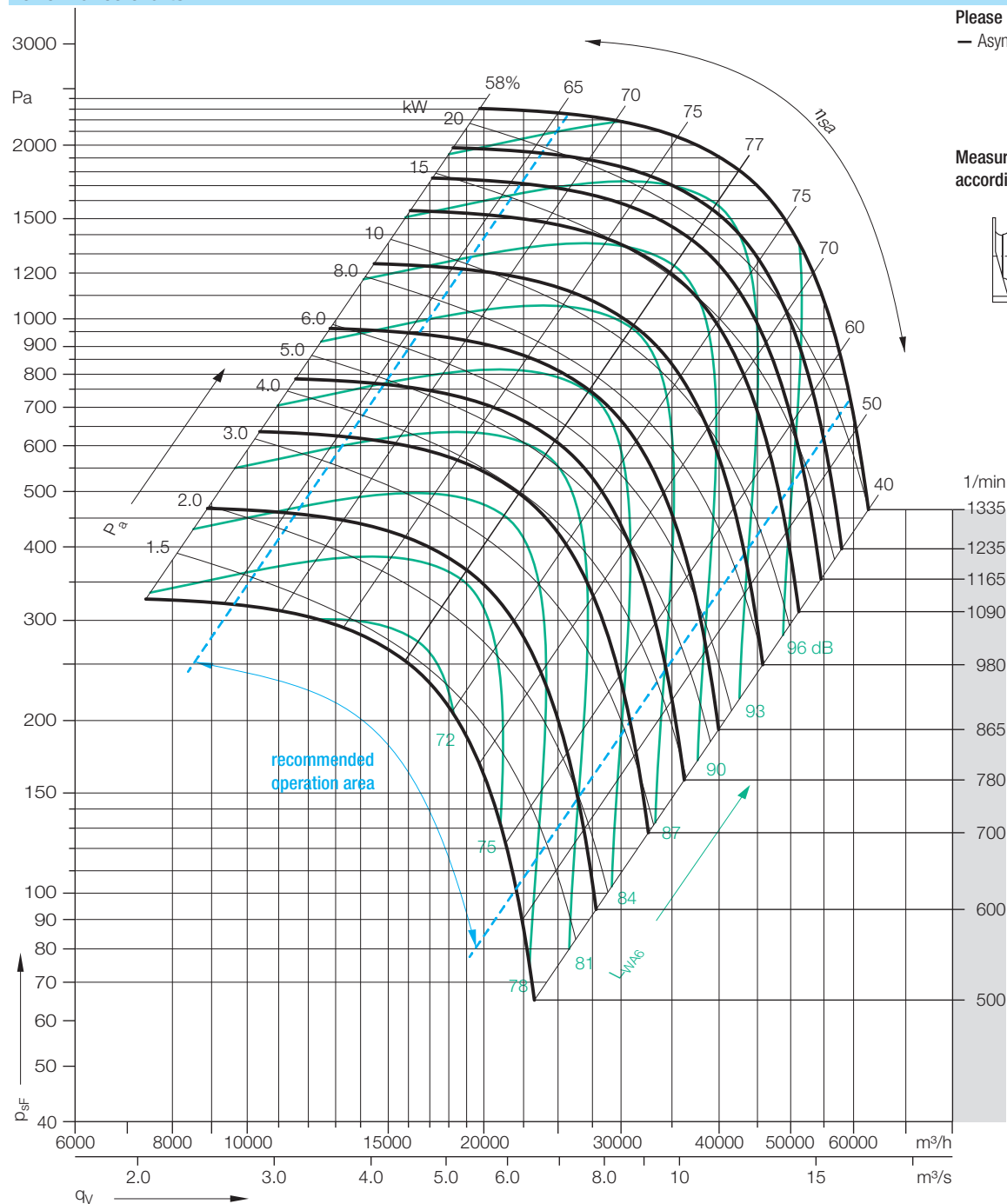
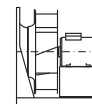
EVOLUTION
IS IN THE AIR
RLM^{EVO}

Performance charts

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

Please note coloured area!

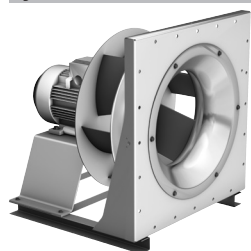
— Asynchronous motors

Measured in installation A
according to ISO 5801:

System efficiencies

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

RLM E6-9010-		η_{sa}	65	70	75	77	75	70	60	%
6W-34	1235 1/min	η_{se}	58	62	66	68	66	62	53	%



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_{sh} = fan shaft powerОформить
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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 E6-9010-6W-37	30.00	400 △	50	980	—	57.00	68	1335	225 M	6	491
RLM E6-9010-6W-34	22.00	400 △	50	978	—	42.50	63	1235	200 L	6	426
RLM E6-9010-6W-33	18.50	400 △	50	978	—	36.00	59	1165	200 L	6	406
RLM E6-9010-6W-31	15.00	400 △	50	975	—	31.00	55	1090	180 L	6	360
RLM E6-9010-6W-28	11.00	400 △	50	975	—	22.50	50	980	160 L	6	297
RLM E6-9010-8W-28	7.50	400 △	50	730	—	17.30	59	865	160 L	8	298
RLM E6-9010-8W-27	5.50	400 △	50	730	—	13.30	53	780	160 M	8	286

Fan type code

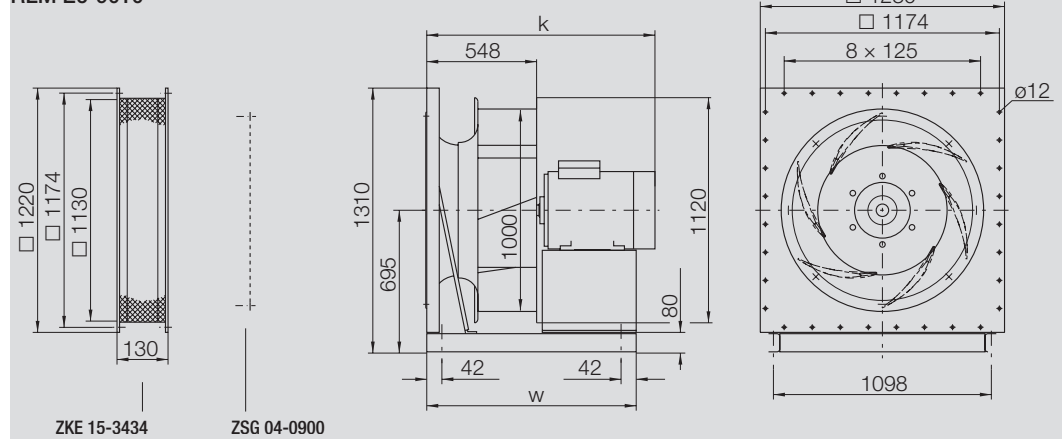
W = Asynchronous motor according to efficiency class IE2 (High Efficiency)

Dimensions in mm, subject to change.



Motor **	k _{max}	w
160	1120	952
180	1190	990
200	1287	1028
225	1319	1050

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