

RLM E6-8090

EVOLUTION
IS IN THE AIR
RLM^{EVO}

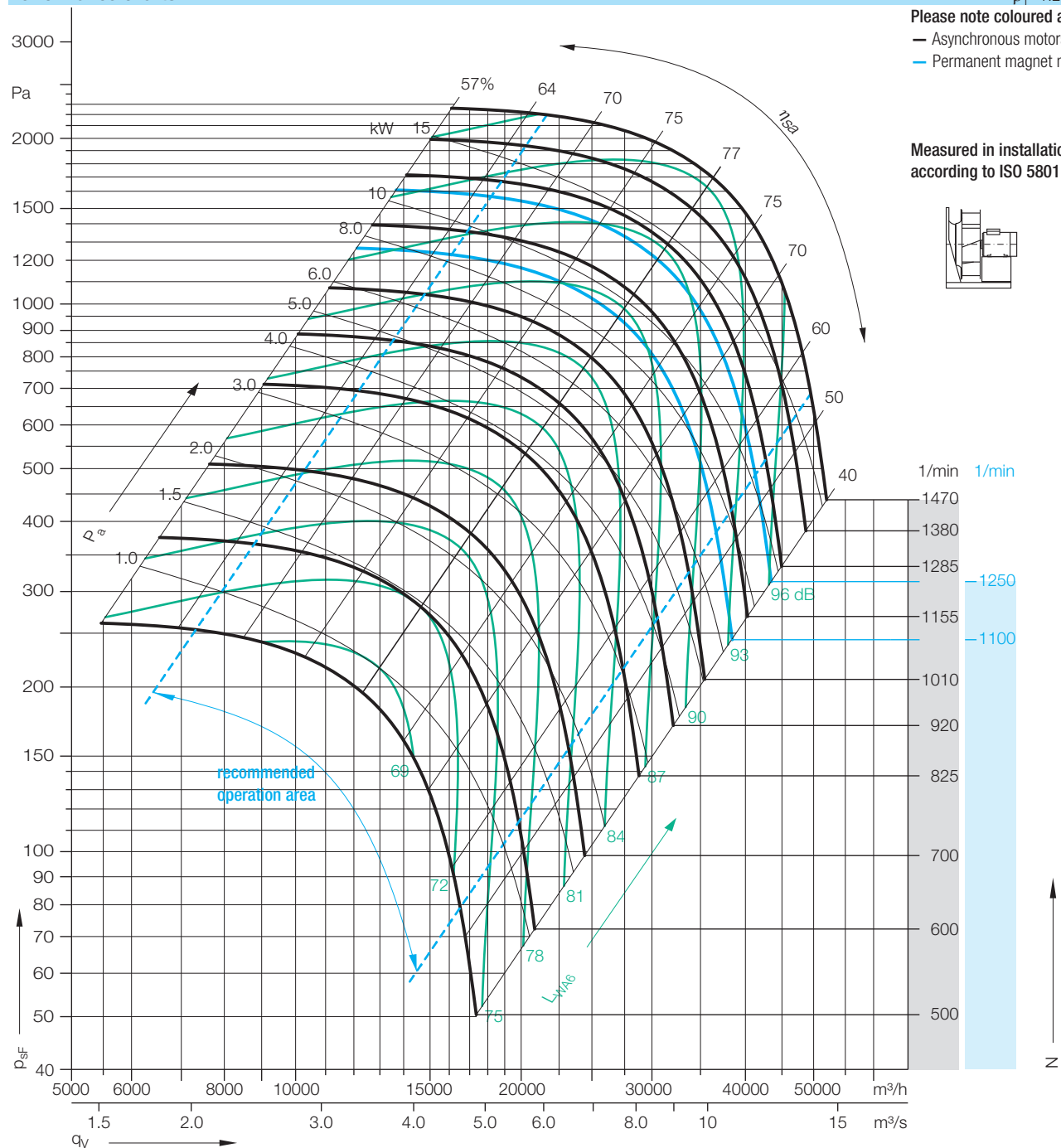
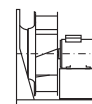
Performance charts

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

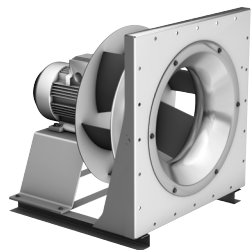
Please note coloured area!

— Asynchronous motors

— Permanent magnet motors

Measured in installation A
according to ISO 5801:

System efficiencies

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

RLM E6-8090-		η_{sa}	64	70	75	77	75	70	60	%
6W-33	1380 1/min	η_{se}	57	62	66	68	66	62	53	%
BE-WW	1250 1/min	η_{se}	57	62	67	69	67	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
Заказ

Ventilatorry.ru | zakaz@ventilatorry.ru | 8 (495) 133-95-09

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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 E6-8090-4W-31	22.00	400 △	50	1465	—	41.50	50	1470	180 L	4	325
RLM E6-8090-6W-33	18.50	400 △	50	978	—	36.50	70	1380	200 L	6	356
RLM E6-8090-6W-31	15.00	400 △	50	975	—	30.00	65	1285	180 L	6	310
RLM E6-8090-6W-28	11.00	400 △	50	975	—	22.50	59	1155	160 L	6	247
RLM E6-8090-6W-26	7.50	400 △	50	975	—	16.10	51	1010	160 M	6	230
RLM E6-8090-8W-27	5.50	400 △	50	730	—	13.30	63	920	160 M	8	236
RLM E6-8090-8W-26	4.00	400 △	50	730	—	9.70	56	825	160 M	8	223
RLM E6-8090-BE-WW-L	18.50	*	*	1500	105	39.30	—	1250	132 XXL	—	220
RLM E6-8090-BE-WU-L	15.00	*	*	1500	95.50	31.80	—	1100	132	—	213

* 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)

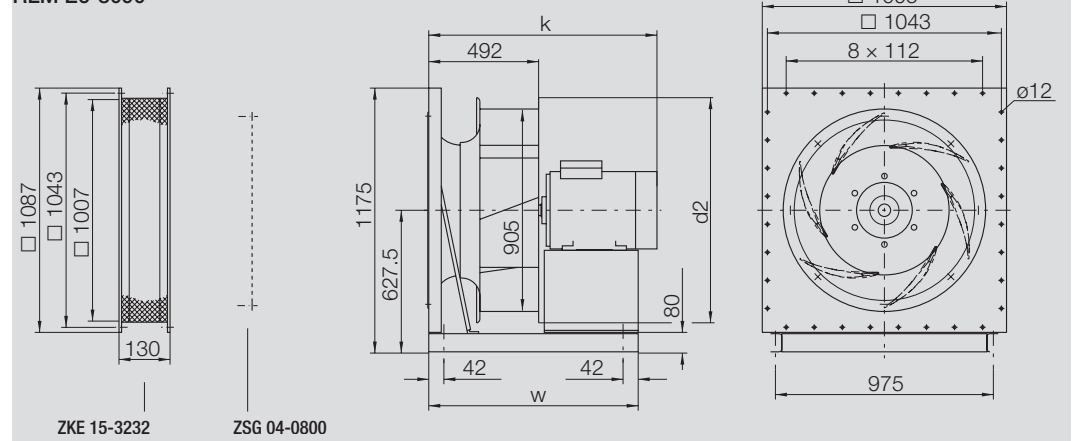
BE = Brushless DC motor with external control unit (efficiency class IE3 and higher)

Dimensions in mm, subject to change.



Motor **	k _{max}	w
132	980	806
160	1065	890
180	1135	944
200	1232	1013

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