

RLM E6-3135

EVOLUTION
IS IN THE AIR
RLM^{EVO}

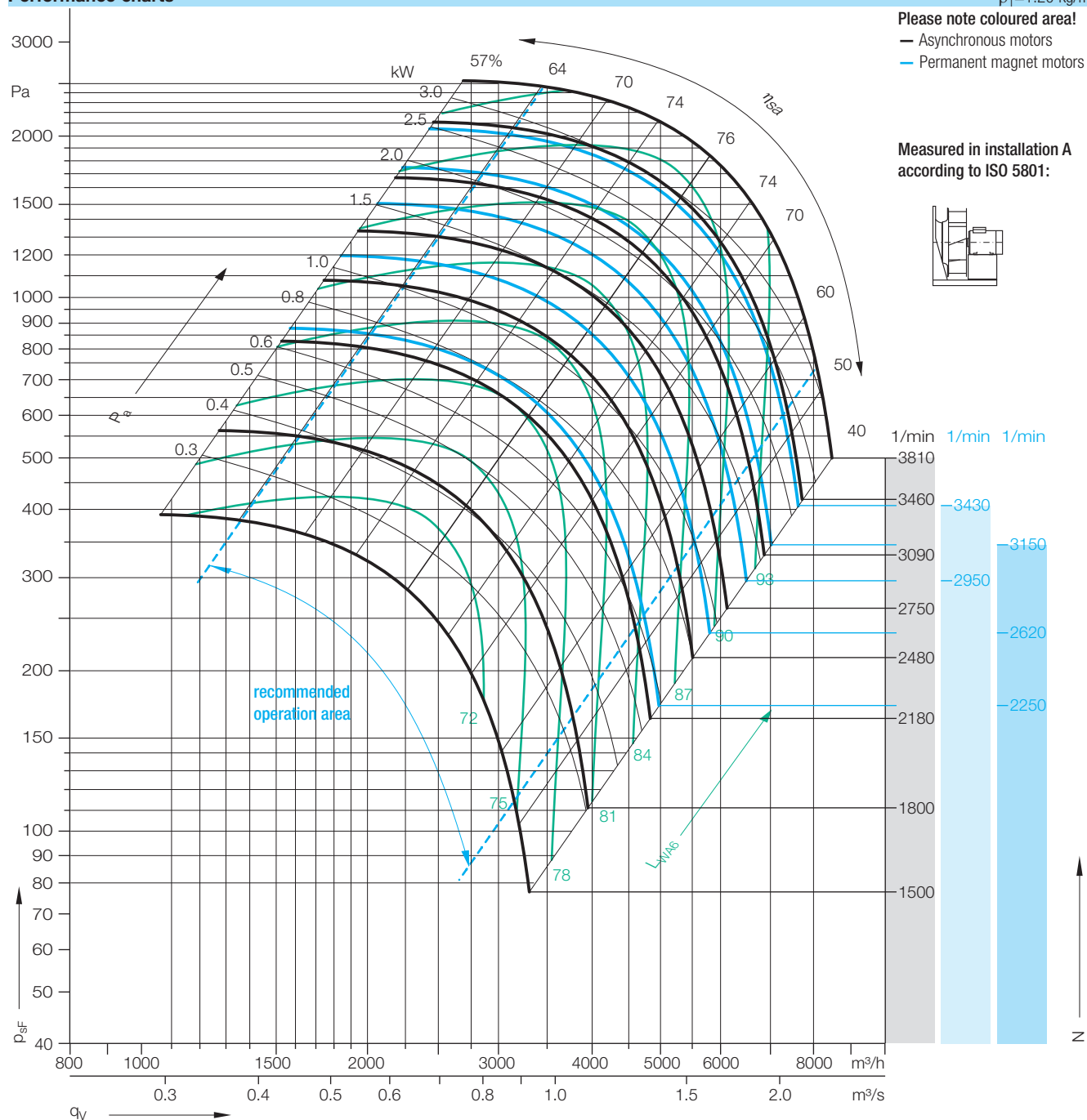
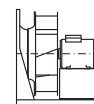
Performance charts

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

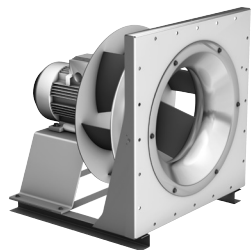
Please note coloured area!

— Asynchronous motors

— Permanent magnet motors

Measured in installation A
according to ISO 5801:

System efficiencies

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

RLM E6-3135-		η_{sa}	64	70	74	76	74	70	60	%
2W-16	3440 1/min	η_{se}	53	57	61	62	61	57	49	%
BI-HN	3430 1/min	η_{se}	57	63	66	67	66	62	53	%
BE-HN	3430 1/min	η_{se}	57	63	66	67	66	62	53	%
BI-QG	2620 1/min	η_{se}	56	61	65	66	65	61	52	%
BE-QG	3150 1/min	η_{se}	57	62	65	67	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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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 E6-3135-2W-19	4.00	400 △	50	2950	—	7.80	64	3810	112 M	2	42
RLM E6-3135-2W-16	3.00	400 △	50	2905	—	6.10	59	3460	100 L	2	36
RLM E6-3135-2W-14	2.20	230/400	50	2890	—	7.60/4.40	53	3090	90 L	2	33
RLM E6-3135-4W-14	1.50	230/400	50	1440	—	5.90/3.40	95	2750	90 L	4	31
RLM E6-3135-4W-13	1.10	230/400	50	1440	—	4.40/2.55	86	2480	90 S	4	30
RLM E6-3135-4W-11	0.75	230/400	50	1400	—	3.15/1.81	77	2180	80 M	4	27
RLM E6-3135-BI-HN-L	3.00	380...480	50/60	3600	8.0	6.4...5.1	—	3430	90	—	39
RLM E6-3135-BE-HN-L	3.00	*	*	3600	8.0	6.30	—	3430	90	—	32
RLM E6-3135-BE-GR-L	2.20	*	*	3600	5.8	4.60	—	2950	71	—	27
RLM E6-3135-BI-QG-M	2.10	360...460	50/60	2250	9.0	2.60	—	2620	150/45	—	36
RLM E6-3135-BE-QG-M	2.10	*	*	2250	9.0	5.00	—	3150	150/45	—	31
RLM E6-3135-BI-IG-M	1.30	360...460	50/60	3100	4.0	1.70	—	2250	108/30	—	31
RLM E6-3135-BE-IG-M	1.30	*	*	3100	4.0	3.50	—	2250	108/30	—	26

* 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)

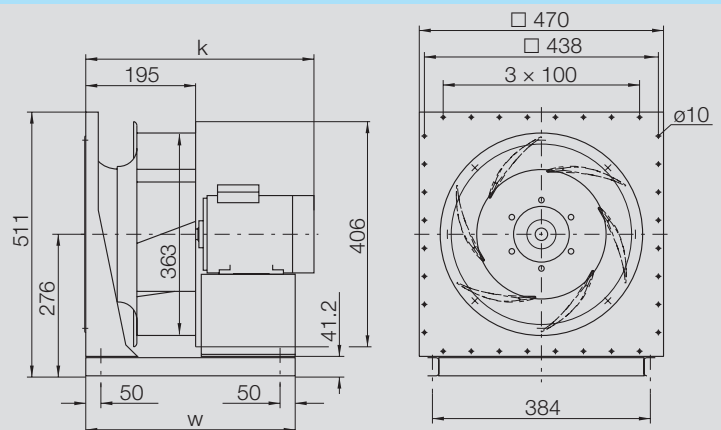
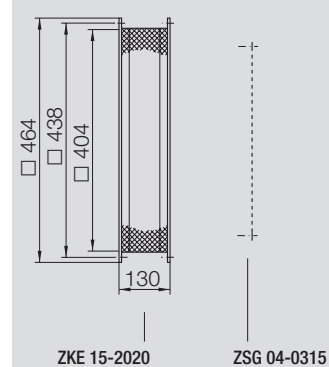
BE = Brushless DC motor with external control unit (efficiency class IE3 and higher)

Dimensions in mm, subject to change.

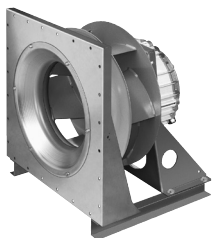


Motor **	k _{max}	w
71	442	417
80	526	447
90	553	448
100	609	470
112	628	477

RLM E6-3135-2W-
RLM E6-3135-4W-
RLM E6-3135-BI-__-L
RLM E6-3135-BE-__-L

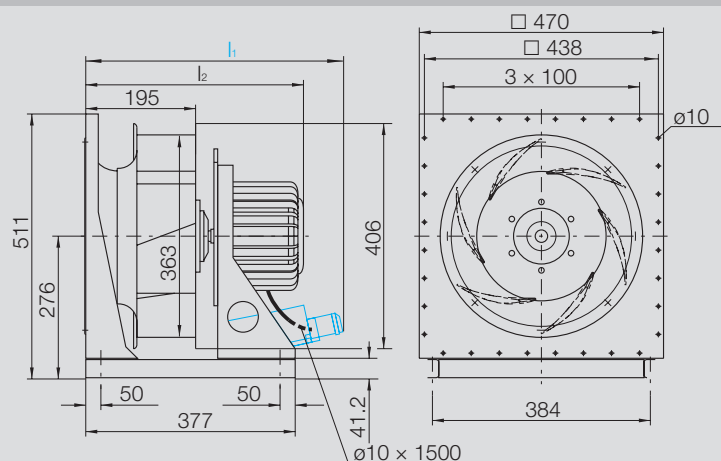
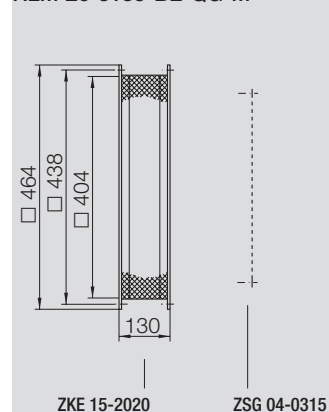


Dimensions in mm, subject to change.



	l ₁	l ₂
BI-QG	495	-
BE-QG	-	383
BI-IG	495	-
BE-IG	-	372

RLM E6-3135-BI-QG-M
RLM E6-3135-BE-QG-M

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