

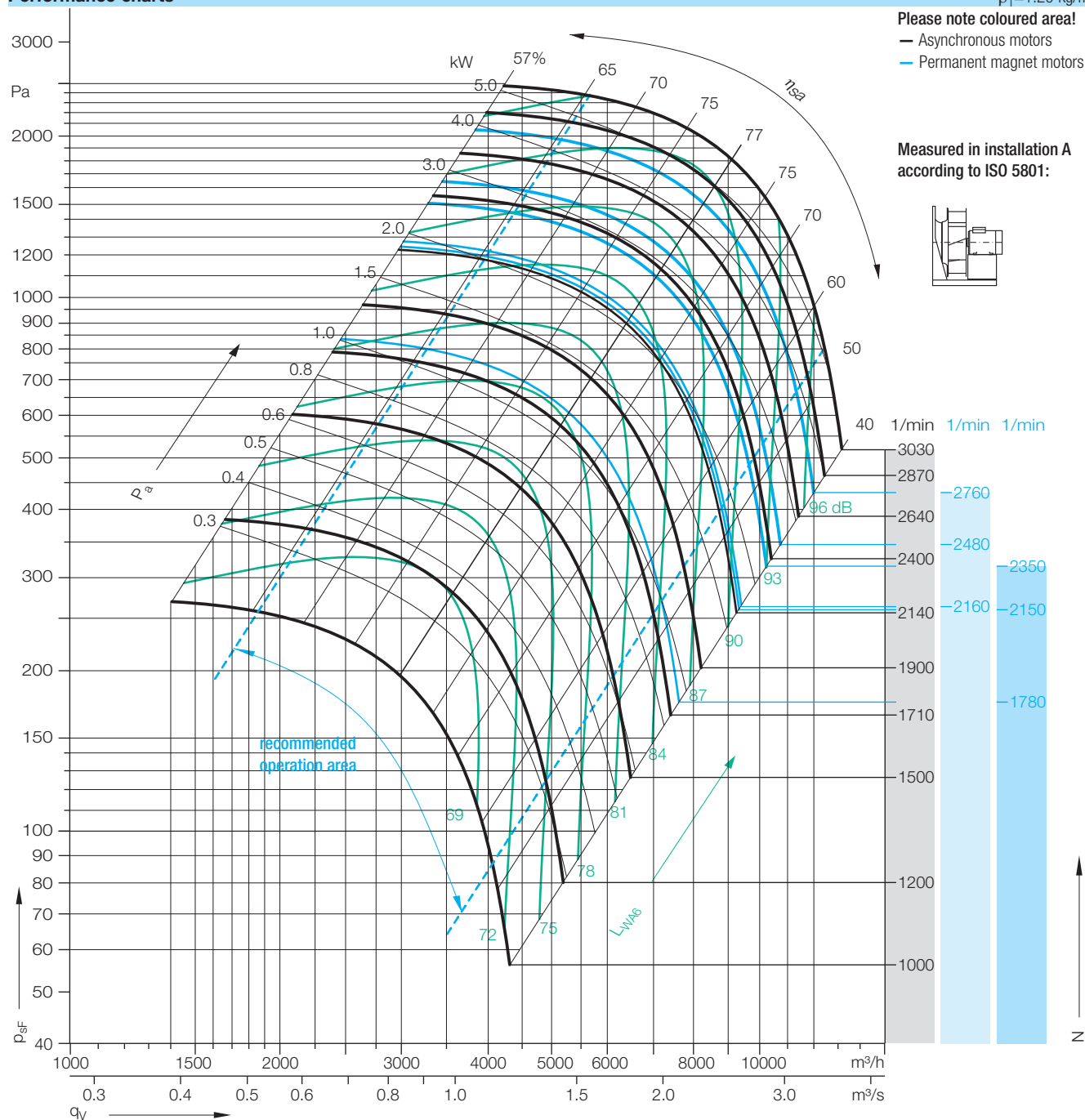
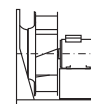
RLM E6-4045

EVOLUTION
IS IN THE AIR
RLM^{EVO}

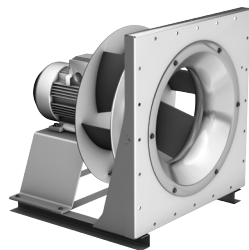
Performance charts

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

Please note coloured area!

— Asynchronous motors
— Permanent magnet motorsMeasured in installation A
according to ISO 5801:

System efficiencies

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

RLM E6-4045-		η_{sa}	65	70	75	77	75	70	60	%
4W-21	2760 1/min	η_{se}	55	60	64	65	64	60	51	%
BI-H5	2480 1/min	η_{se}	58	63	67	68	67	63	54	%
BE-H7	2760 1/min	η_{se}	58	63	67	68	67	63	54	%
BI-WT	2150 1/min	η_{se}	58	63	67	69	67	63	54	%
BE-WT	2350 1/min	η_{se}	58	63	68	69	68	63	54	%

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} = shaft powerОформить
Заказ

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

RLM E6-4045

EVOLUTION
IS IN THE AIR
RLM^{EVO}

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 E6-4045-2W-22	7.50	400 △	50	2950	—	14.10	51	3030	132 S	2	70
RLM E6-4045-4W-21	5.50	400 △	50	1465	—	11.40	98	2870	132 S	4	66
RLM E6-4045-4W-19	4.00	400 △	50	1460	—	8.20	90	2640	112 M	4	55
RLM E6-4045-4W-17	3.00	400 △	50	1455	—	6.20	82	2400	100 L	4	52
RLM E6-4045-4W-16	2.20	400 △	50	1455	—	4.65	73	2140	100 L	4	48
RLM E6-4045-4W-14	1.50	230/400	50	1440	—	5.90/3.40	65	1900	90 L	4	44
RLM E6-4045-4W-13	1.10	230/400	50	1440	—	4.40/2.55	59	1710	90 S	4	41
RLM E6-4045-BI-H5-L	4.00	380...480	50/60	3000	12.7	8.5...6.8	—	2480	90	—	53
RLM E6-4045-BE-H7-L	5.50	*	*	3000	17.5	11.70	—	2760	90	—	48
RLM E6-4045-BE-H5-L	4.00	*	*	3000	12.7	8.50	—	2480	90	—	46
RLM E6-4045-BE-H3-L	3.00	*	*	3000	9.6	6.40	—	2160	90	—	44
RLM E6-4045-BI-WT-M	2.80	360...460	50/60	1900	14.0	4.00	—	2150	150/70	—	49
RLM E6-4045-BE-WT-M	2.80	*	*	1900	14.0	7.00	—	2350	150/70	—	44
RLM E6-4045-BI-QG-M	2.10	360...460	50/60	2250	9.00	2.40	—	1780	150/45	—	46
RLM E6-4045-BE-QG-M	2.10	*	*	2250	9.00	5.00	—	1780	150/45	—	41

* 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)

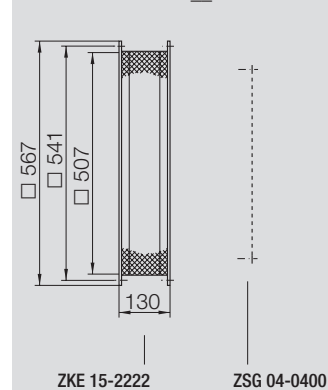
BI = Brushless DC motor with integrated control unit (efficiency class IE3 and higher)

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

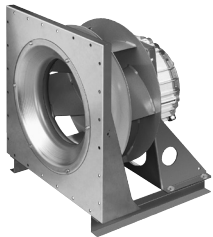
Dimensions



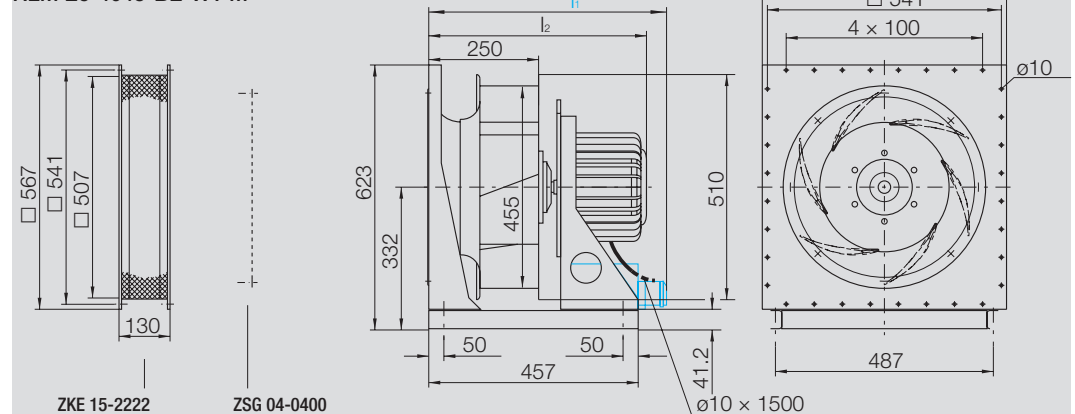
Motor **	k _{max}	w
90	608	503
100	691	552
112	710	559
132	731	561

RLM E6-4045-4W-
RLM E6-4045-BI-
RLM E6-4045-BE-

Dimensions in mm, subject to change.



	l ₁	l ₂
BI-WT	542	-
BE-WT	-	462
BI-QG	542	-
BE-QG	-	437

RLM E6-4045-BI-WT-M
RLM E6-4045-BE-WT-MОформить
Заказ

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