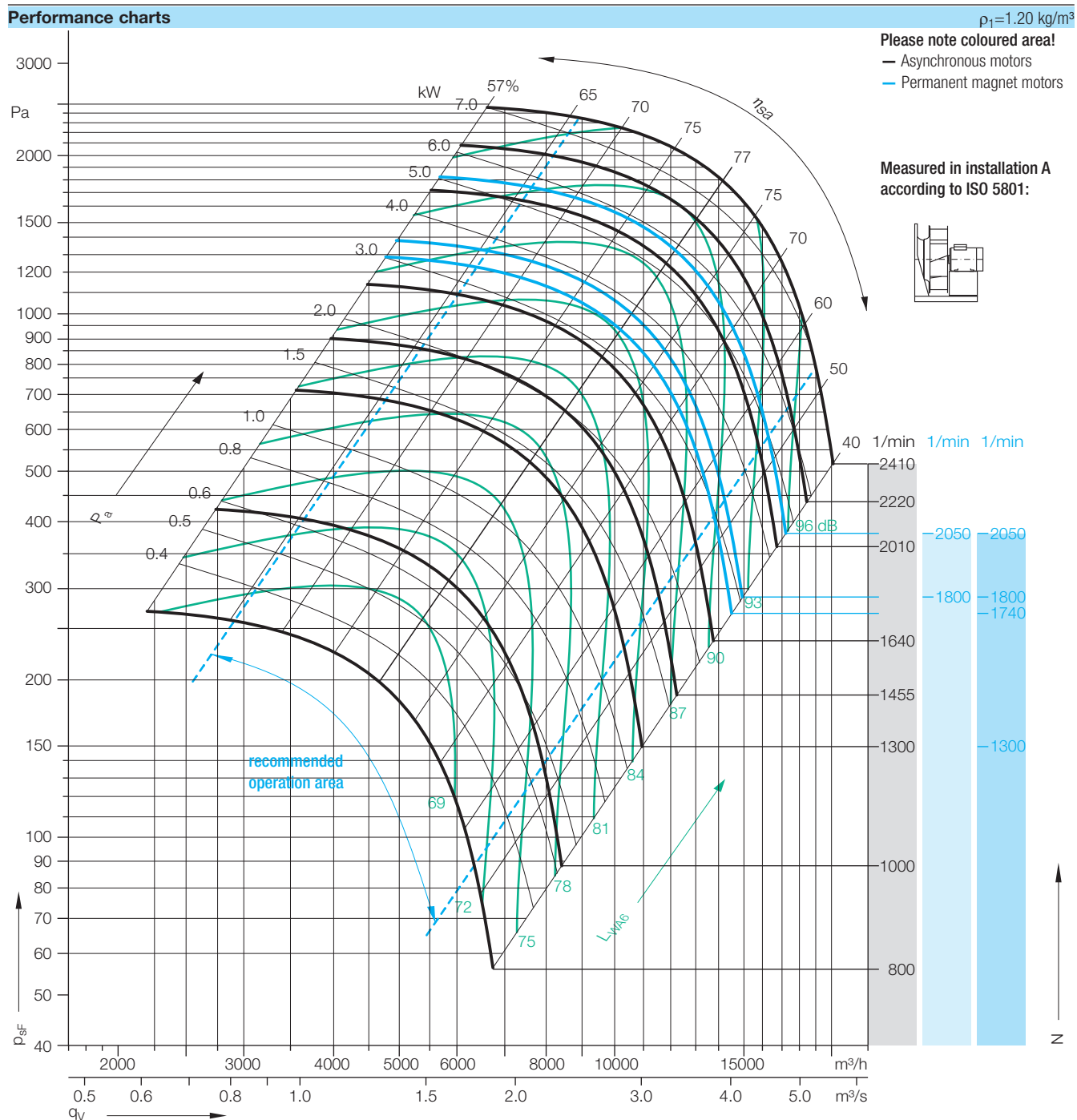


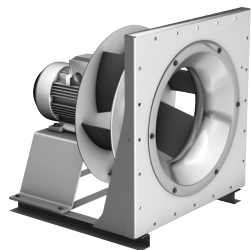
RLM E6-5056

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Performance charts



System efficiencies

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

RLM E6-5056-		η_{sa}	65	70	75	77	75	70	60	%
4W-23	2200 1/min	η_{se}	56	61	65	66	65	61	52	%
BI-UR	1800 1/min	η_{se}	57	62	66	67	66	62	53	%
BE-VN	2050 1/min	η_{se}	58	63	67	68	67	63	54	%
BI-YG	1740 1/min	η_{se}	58	63	67	69	67	63	54	%
BE-YN	2050 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_d = fan shaft powerОформить
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RLM E6-5056

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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 E6-5056-4W-26	11.00	400 △	50	1470	—	21.00	82	2410	160 M	4	126
RLM E6-5056-4W-23	7.50	400 △	50	1465	—	14.80	75	2220	132 M	4	99
RLM E6-5056-4W-21	5.50	400 △	50	1465	—	11.40	68	2010	132 S	4	92
RLM E6-5056-4W-19	4.00	400 △	50	1460	—	8.20	61	1800	112 M	4	77
RLM E6-5056-4W-17	3.00	400 △	50	1455	—	6.20	56	1640	100 L	4	73
RLM E6-5056-4W-16	2.20	400 △	50	1455	—	4.65	50	1455	100 L	4	69
RLM E6-5056-6W-16	1.50	230/400	50	935	—	6.40/3.70	69	1300	100 L	6	73
RLM E6-5056-BI-UR-L	4.00	380...480	50/60	1800	21.2	8.8...7.0	—	1800	90	—	82
RLM E6-5056-BE-VN-L	5.50	*	*	1800	29.2	11.60	—	2050	112	—	84
RLM E6-5056-BI-YG-M	4.30	360...460	50/60	1700	24.0	6.40	—	1740	220/100	—	85
RLM E6-5056-BE-YN-M	6.50	*	*	1400	44.0	16.00	—	2050	220/100	—	90
RLM E6-5056-BE-YG-M	4.30	*	*	1700	24.0	10.00	—	1800	220/55	—	77
RLM E6-5056-BI-WT-M	2.80	360...460	50/60	1900	14.0	3.10	—	1300	150/70	—	70
RLM E6-5056-BE-WT-M	2.80	*	*	1900	14.0	7.00	—	1300	150/70	—	65

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

We recommend: Danfoss VLT HVAC Drive FC-100.

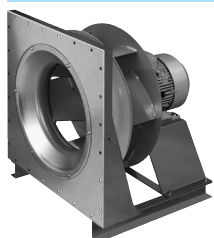
Fan type code

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

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

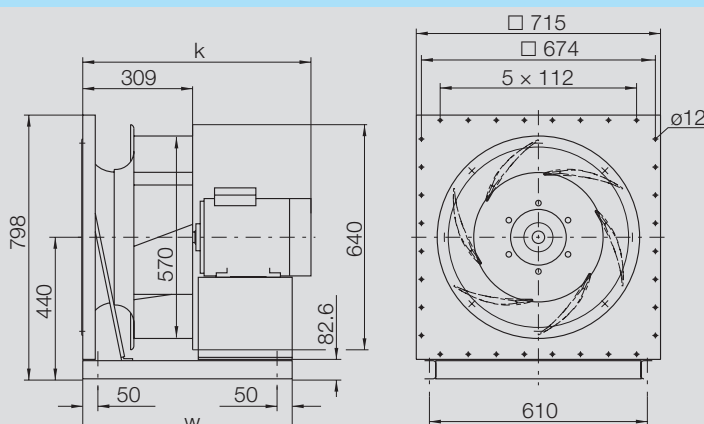
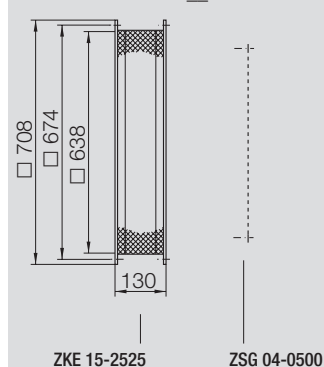
BE = Brushless DC motor with external control unit (efficiency class IE3 and higher)

Dimensions in mm, subject to change.

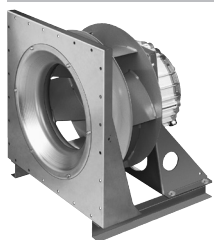


Motor **	k _{max}	w
90	638	540
100	701	562
112	720	569
132	768	608
160	879	707

RLM E6-5056-4W-
RLM E6-5056-6W-
RLM E6-5056-BI-__-L
RLM E6-5056-BE-__-L

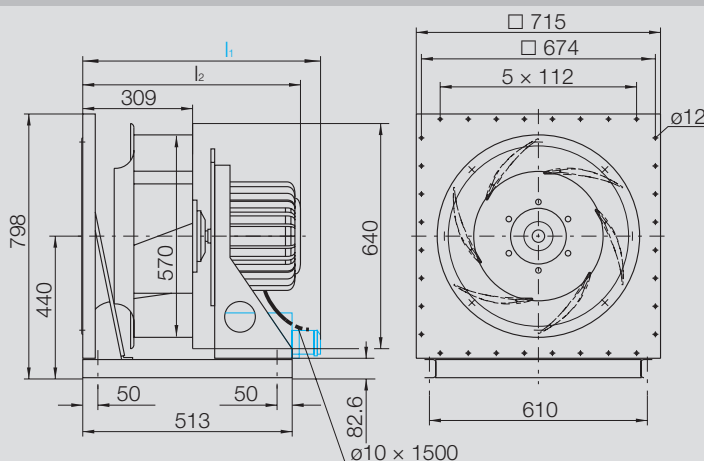
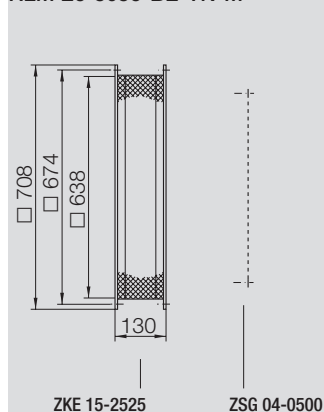


Dimensions in mm, subject to change.



	l ₁	l ₂
BI-YG	587	-
BE-YN	-	545
BE-YG	-	500
BI-WT	580	-
BE-WT	-	500

RLM E6-5056-BI-YG-M
RLM E6-5056-BE-YN-M

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