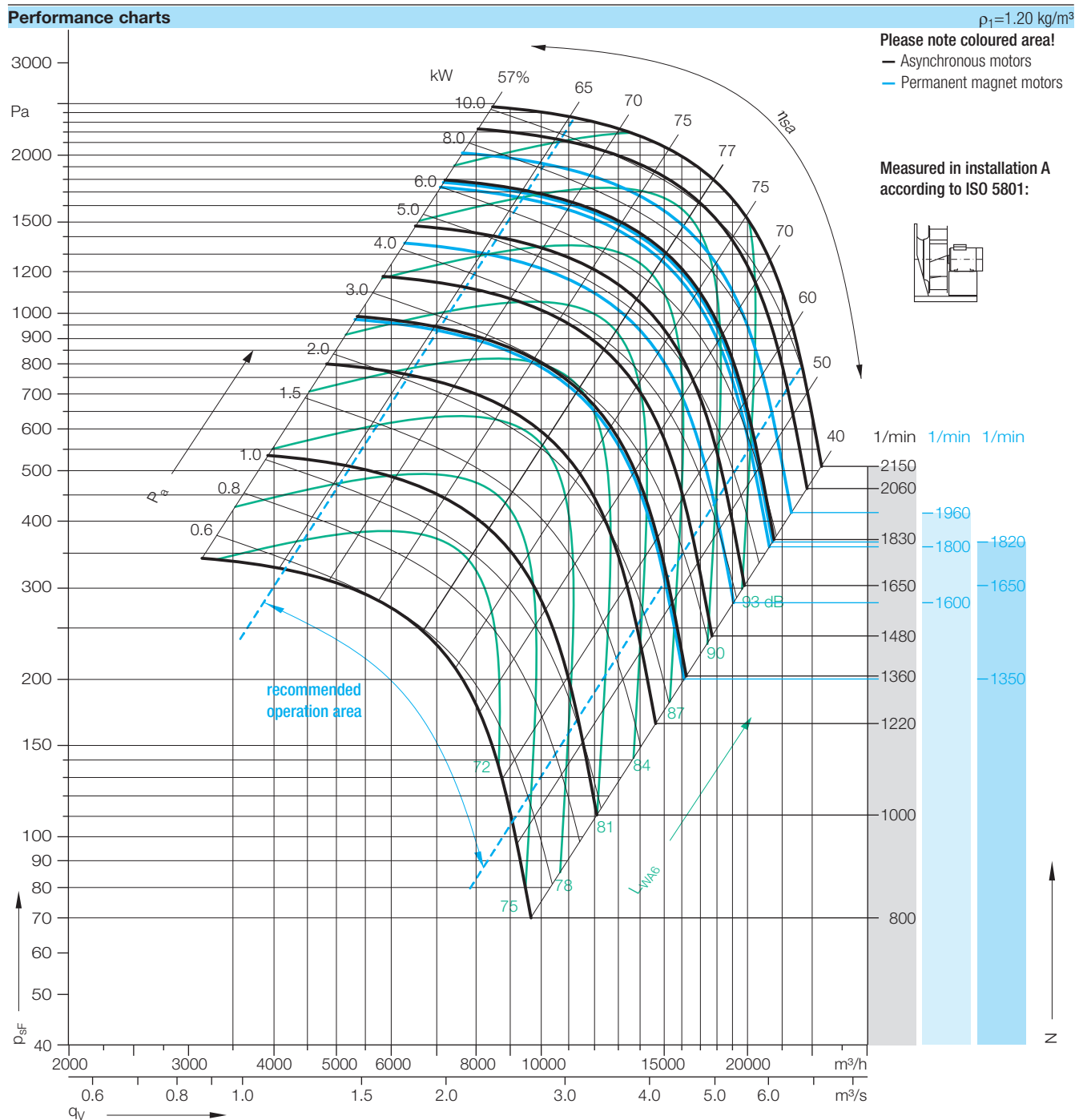


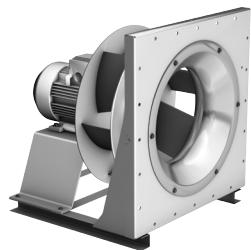
RLM E6-5663

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Performance charts



System efficiencies

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

RLM E6-5663-		η_{sa}	65	70	75	77	75	70	60	%
4W-26	1960 1/min	η_{se}	57	61	66	67	66	61	53	%
BI-VP	1800 1/min	η_{se}	58	63	67	68	67	63	54	%
BE-VR	1960 1/min	η_{se}	58	63	67	68	67	63	54	%
BI-YN	1650 1/min	η_{se}	58	63	68	69	68	63	54	%
BE-YN	1820 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} = 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 E6-5663-4W-28	15.00	400 △	50	1475	—	28.00	72	2150	160 L	4	154
RLM E6-5663-4W-26	11.00	400 △	50	1470	—	21.00	70	2060	160 M	4	142
RLM E6-5663-4W-23	7.50	400 △	50	1465	—	14.80	62	1830	132 M	4	109
RLM E6-5663-4W-21	5.50	400 △	50	1465	—	11.40	56	1650	132 S	4	102
RLM E6-5663-4W-19	4.00	400 △	50	1460	—	8.20	50	1480	112 M	4	88
RLM E6-5663-6W-21	3.00	400 △	50	970	—	7.00	70	1360	132 S	6	98
RLM E6-5663-6W-19	2.20	400 △	50	955	—	5.60	63	1220	112 M	6	88
RLM E6-5663-BI-VP-L	7.50	380...480	50/60	1800	39.8	16.2...12.8	—	1800	112	—	107
RLM E6-5663-BE-VR-L	11.00	*	*	1800	58.4	23.20	—	1960	112	—	103
RLM E6-5663-BE-VP-L	7.50	*	*	1800	39.8	15.80	—	1800	112	—	100
RLM E6-5663-BE-VN-L	5.50	*	*	1800	29.2	11.60	—	1600	112	—	96
RLM E6-5663-BI-YN-M	6.50	360...460	50/60	1400	44.0	10.10	—	1650	220/100	—	106
RLM E6-5663-BE-YN-M	6.50	*	*	1400	44.0	16.00	—	1820	220/100	—	99
RLM E6-5663-BI-YG-M	4.30	360...460	50/60	1700	24.0	6.00	—	1350	220/55	—	93
RLM E6-5663-BE-YG-M	4.30	*	*	1700	24.0	10.00	—	1350	220/55	—	86

* 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)

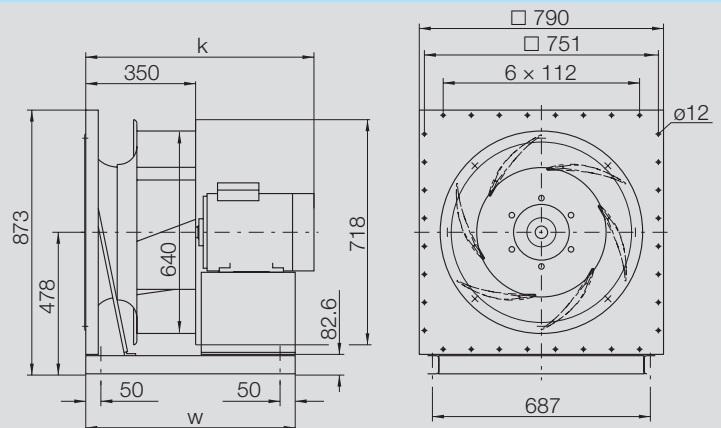
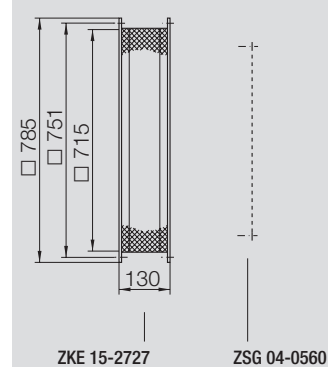
BE = Brushless DC motor with external control unit (efficiency class IE3 and higher)

Dimensions in mm, subject to change.

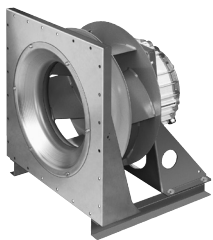


Motor **	k _{max}	w
112	755	615
132	809	649
160	920	748

RLM E6-5663-4W-
RLM E6-5663-6W-
RLM E6-5663-BI-__-L
RLM E6-5663-BE-__-L

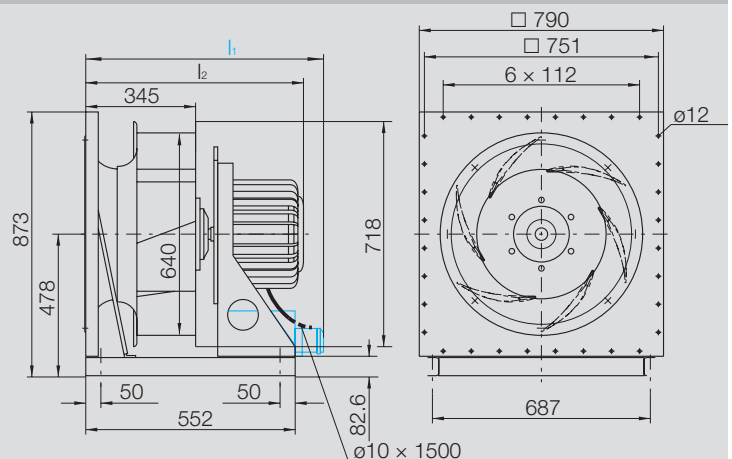
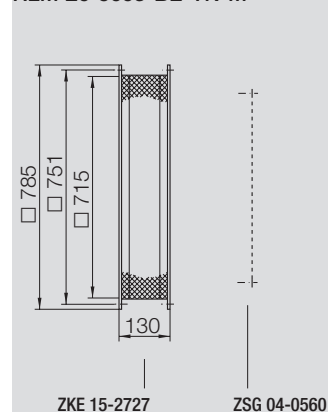


Dimensions in mm, subject to change.



	l ₁	l ₂
BI-YN	617	-
BE-YN	-	582
BI-YG	617	-
BE-YG	-	537

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RLM E6-5663-BE-YN-M



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