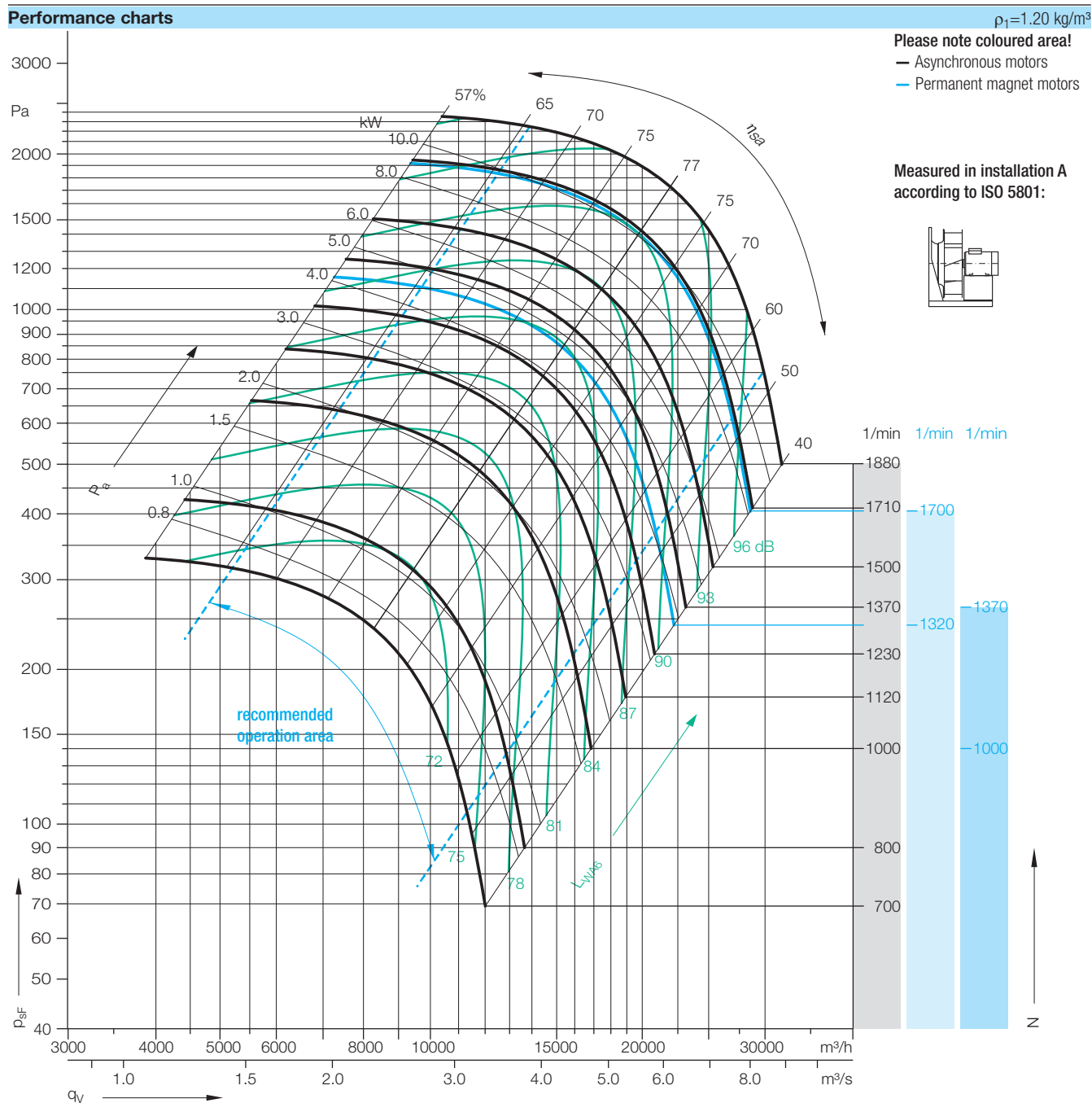


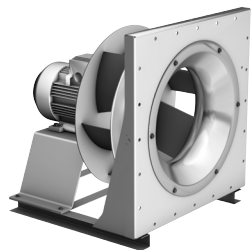
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Performance charts



System efficiencies

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

RLM E6-6371-		η_{sa}	65	70	75	77	75	70	60	%
4W-26	1710 1/min	η_{se}	57	61	66	67	66	61	53	%
BI-VR	1700 1/min	η_{se}	58	63	67	68	67	63	54	%
BE-VR	1700 1/min	η_{se}	58	63	67	68	67	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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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 E6-6371-4W-28	15.00	400 △	50	1475	—	28.00	63	1880	160 L	4	182
RLM E6-6371-4W-26	11.00	400 △	50	1470	—	21.00	58	1710	160 M	4	170
RLM E6-6371-4W-23	7.50	400 △	50	1465	—	14.80	51	1500	132 M	4	146
RLM E6-6371-6W-24	5.50	400 △	50	970	—	12.00	70	1370	132 M	6	149
RLM E6-6371-6W-23	4.00	400 △	50	970	—	8.70	63	1230	132 M	6	140
RLM E6-6371-6W-21	3.00	400 △	50	970	—	7.00	57	1120	132 S	6	135
RLM E6-6371-BI-VR-L	11.00	380...480	50/60	1800	58.4	23.6...18.7	—	1700	112	—	135
RLM E6-6371-BE-VR-L	11.00	*	*	1800	58.4	23.20	—	1700	112	—	128
RLM E6-6371-BE-VP-L	7.50	*	*	1800	39.8	15.80	—	1320	112	—	125
RLM E6-6371-BI-YN-M	6.50	360...460	50/60	1400	44.0	10.10	—	1370	220/100	—	130
RLM E6-6371-BE-YN-M	6.50	*	*	1400	44.0	16.00	—	1370	220/100	—	123
RLM E6-6371-BI-YG-M	4.30	360...460	50/60	1700	24.0	4.50	—	1000	220/55	—	117
RLM E6-6371-BE-YG-M	4.30	*	*	1700	24.0	10.00	—	1000	220/55	—	110

* 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)

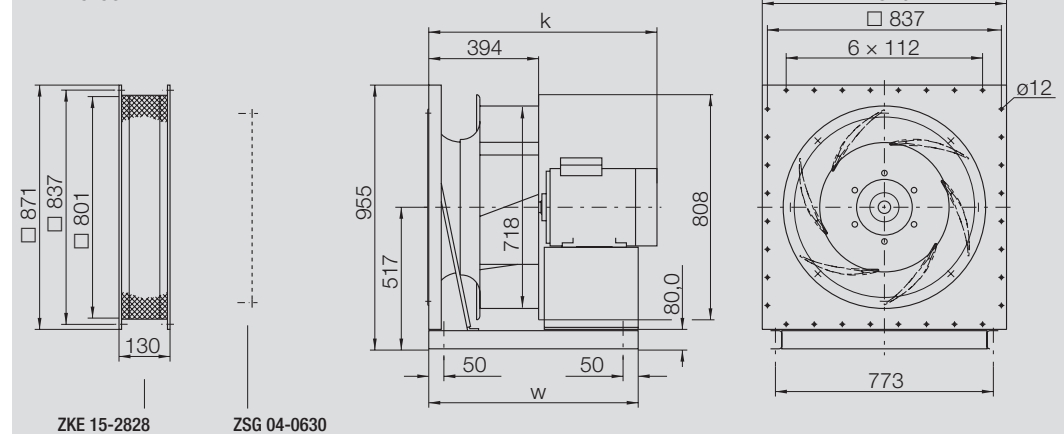
BE = Brushless DC motor with external control unit (efficiency class IE3 and higher)

Dimensions in mm, subject to change.

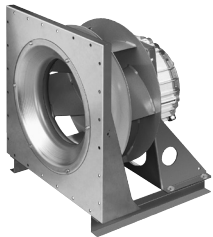


Motor **	k _{max}	w
112	753	692
132	854	692
160	965	791

RLM E6-6371



Dimensions in mm, subject to change.



	I ₁	I ₂
BI-YN	666	-
BE-YN	-	632
BI-YG	666	-
BE-YG	-	587

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