

RLM E6-7180

EVOLUTION
IS IN THE AIR
RLM^{EVO}

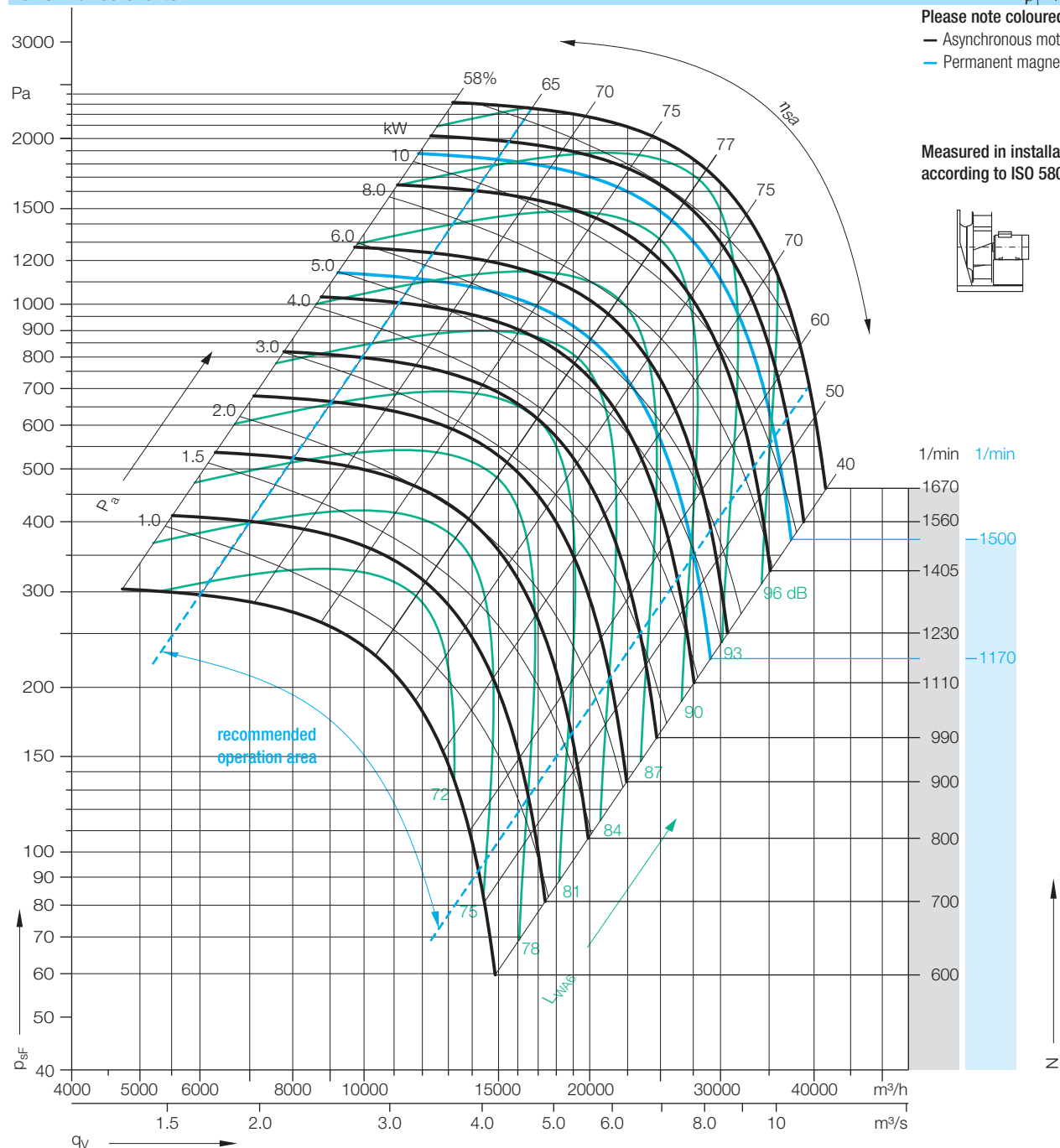
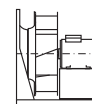
Performance charts

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

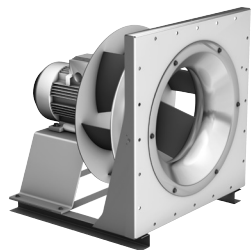
Please note coloured area!

— Asynchronous motors

— Permanent magnet motors

Measured in installation A
according to ISO 5801:

System efficiencies

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

RLM E6-7180-		η_{sa}	65	70	75	77	75	70	60	%
4W-28	1535 1/min	η_{se}	58	62	66	68	66	62	53	%
BE-WU	1500 1/min	η_{se}	59	63	67	69	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_{fan} = fan shaft powerОформить
Заказ

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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 E6-7180-4W-30	18.50	400 △	50	1465	—	35.00	57	1670	180 M	4	280
RLM E6-7180-4W-28	15.00	400 △	50	1475	—	28.00	52	1560	160 L	4	202
RLM E6-7180-6W-28	11.00	400 △	50	975	—	22.50	72	1405	160 L	6	212
RLM E6-7180-6W-26	7.50	400 △	50	975	—	16.10	63	1230	160 M	6	196
RLM E6-7180-6W-24	5.50	400 △	50	970	—	12.00	57	1110	132 M	6	169
RLM E6-7180-6W-23	4.00	400 △	50	970	—	8.70	51	990	132 M	6	160
RLM E6-7180-BE-WU-L	15.00	*	*	1500	95.5	31.80	—	1500	132 XXL	—	185
RLM E6-7180-BE-VR-L	11.00	*	*	1800	58.4	23.20	—	1170	112	—	160

* 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)

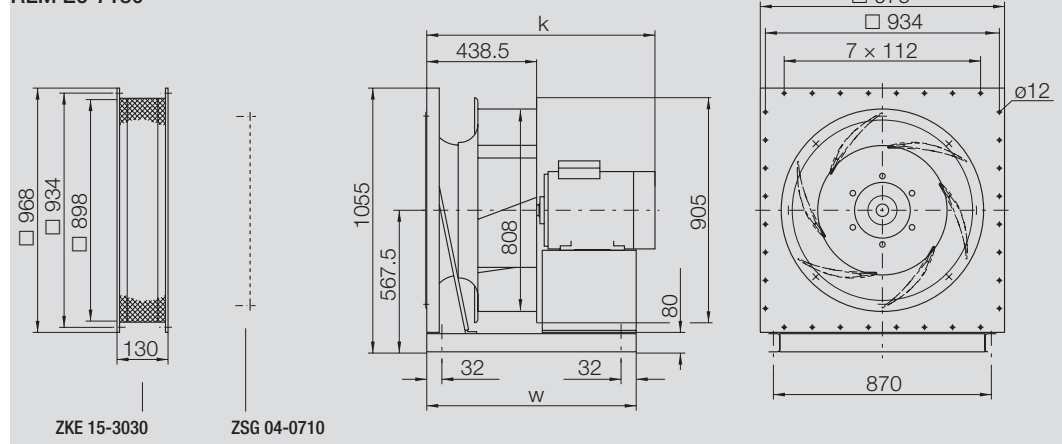
BE = Brushless DC motor with external control unit (efficiency class IE3 and higher)

Dimensions in mm, subject to change.



Motor **	k _{max}	w
112	800	739
132 M	900	752
132 XXL	926	752
160	1011	836
180	1080	890

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