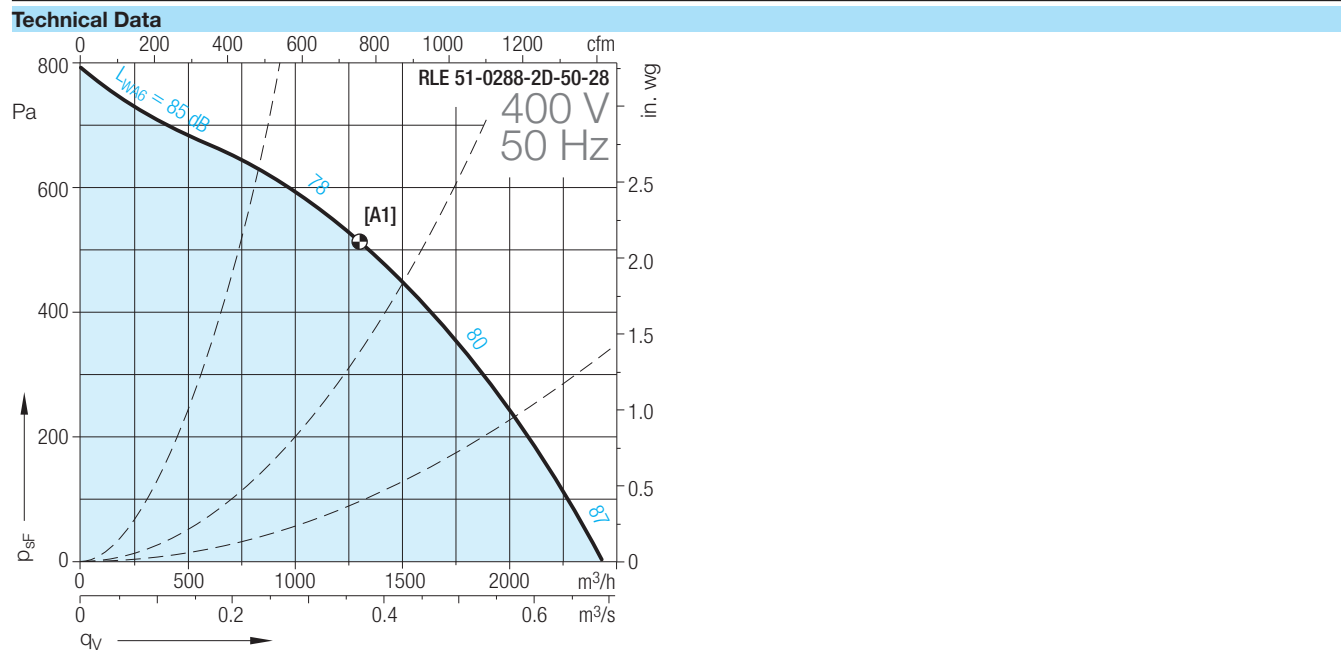


RLE 50-0288-28



RLE 50-0288-28

Technical Data

	Voltage	Phases	Frequency	Speed	Max. power consumption	Nominal current	Starting-/full load current (I_A/I_N)	Operating Capacitor	Motor protection class	Motor thermal class	Media Temperature max.	Impeller weight
RLE 50-	V		Hz	1/min	kW	A		μF			°C	kg
0288-2D-50-28	400	3~	50	2480	0.52	0.86	2.6		IP44	F	40	6.1

(0) = Stepless speed controllable via tension variation

(5) = Stepless speed controllable via electronic Commutation Unit

* = No speed control available

Voltage variation for "-2D" variants only at media temperature up to +30 °C!

Sound level for inlet side $L_{WA5} = L_{WA6} - 2$ dB.

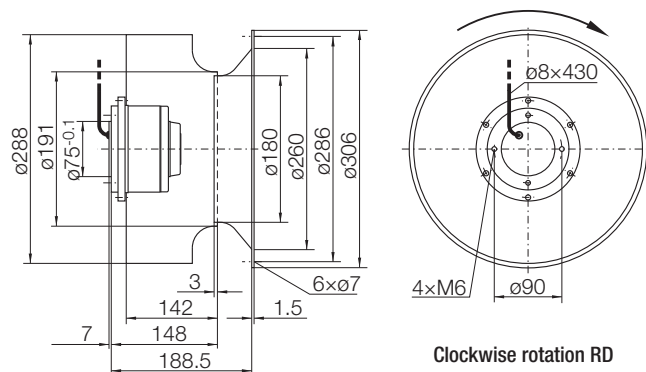
Density of media **1.15 kg/m³**.

Performance curves and sound data are valid only for the motor impeller in connection with our inlet cone!

The fans must be used with the Electronic Commutation Unit EKE05.

Dimensions in mm, subject to change.

RLE 50-0288-2D-50-28



Duty Point		Relative sound power level for discharge side L_{Wrel6}									Relative sound power level for inlet side L_{Wrel5}								
N [1/min]	q_v	63	125	250	500	1000	2000	4000	8000	Hz	63	125	250	500	1000	2000	4000	8000	Hz
900...1800	0.3 q_{vmax}	+3	0	-1	-6	-5	-6	-13	-21	dB	+3	+3	+2	-3	-6	-10	-15	-20	dB
900...1800	0.6 q_{vmax}	-1	-4	-6	-7	-4	-6	-12	-21	dB	+3	+1	0	-3	-5	-9	-15	-25	dB
900...1800	1.0 q_{vmax}	-11	-9	-7	-10	-3	-6	-15	-23	dB	-4	-1	0	-2	-4	-11	-17	-27	dB
1801...3000	0.3 q_{vmax}	+4	-1	-1	-5	-5	-6	-11	-18	dB	+3	+3	+2	-2	-6	-12	-16	-25	dB
1801...3000	0.6 q_{vmax}	-6	-5	-3	-6	-5	-6	-10	-16	dB	-4	0	+2	-2	-6	-11	-14	-19	dB
1801...3000	1.0 q_{vmax}	-15	-14	-7	-8	-6	-6	-7	-14	dB	-8	-4	0	-2	-5	-10	-13	-16	dB



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