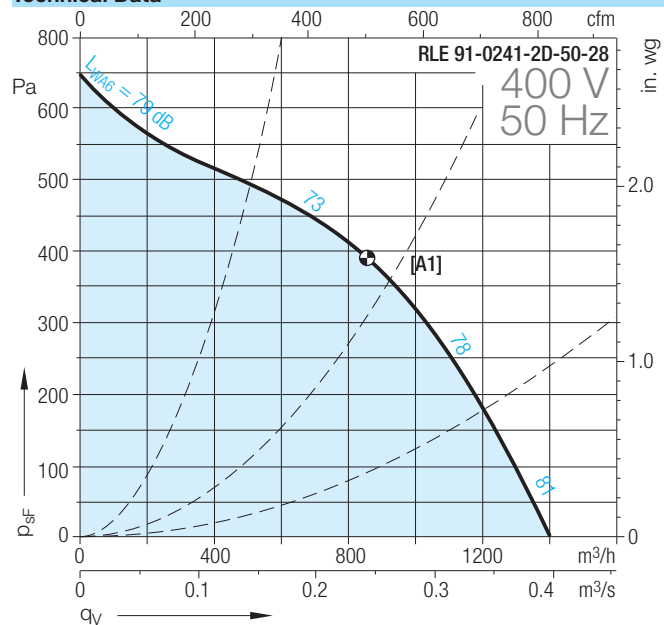


# RLE 90-0241-28

## Technical Data



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Заказ

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# RLE 90-0241-28

## Technical Data

|               | Voltage | Phases | Frequency | Speed | Max. power consumption | Nominal current | Starting-/full load current ( $I_R/I_N$ ) | Operating Capacitor | Motor protection class | Motor thermal class | Media Temperature max. | Impeller weight |
|---------------|---------|--------|-----------|-------|------------------------|-----------------|-------------------------------------------|---------------------|------------------------|---------------------|------------------------|-----------------|
| RLE 90-       | V       |        | Hz        | 1/min | kW                     | A               | A                                         | μF                  |                        |                     | °C                     | kg              |
| 0241-2D-50-28 | 400     | 3~     | 50        | 2570  | 0.24                   | 0.45            | 2.7                                       |                     | IP44                   | F                   | 60                     | 6.1             |

(0) = Stepless speed controllable via tension variation

(5) = Stepless speed controllable via electronic Commutation Unit

\* = No speed control available

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

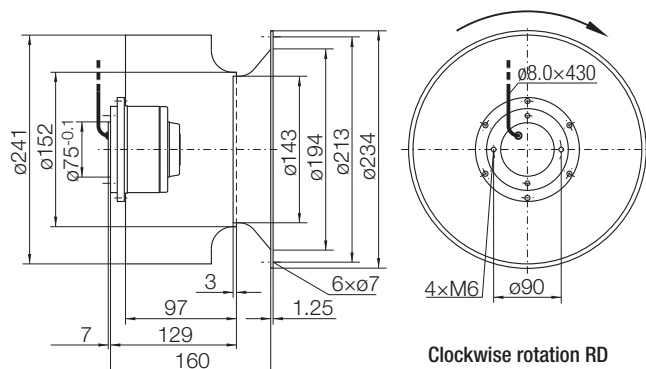
Density of media **1.15 kg/m³**.

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 90-0241-2D-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 |
| 901...1800  | 0.3 $q_{Vmax}$ | +1                                                        | -1  | -3  | -7  | -6   | -5   | -11  | -19  | dB | +4                                                    | +3  | +2  | -1  | -6   | -13  | -18  | -27  | dB |
| 901...1800  | 0.6 $q_{Vmax}$ | -5                                                        | -6  | -6  | -8  | -5   | -5   | -9   | -18  | dB | -2                                                    | +2  | 0   | -2  | -5   | -11  | -16  | -28  | dB |
| 901...1800  | 1.0 $q_{Vmax}$ | -11                                                       | -7  | -6  | -9  | -6   | -5   | -9   | -22  | dB | -6                                                    | +1  | +1  | -2  | -6   | -10  | -13  | -28  | dB |
| 1801...3000 | 0.3 $q_{Vmax}$ | -3                                                        | -2  | -2  | -6  | -6   | -5   | -11  | -18  | dB | +1                                                    | +2  | +1  | -1  | -6   | -12  | -16  | -25  | dB |
| 1801...3000 | 0.6 $q_{Vmax}$ | -11                                                       | -9  | -5  | -7  | -6   | -5   | -9   | -15  | dB | -6                                                    | -3  | +1  | -2  | -5   | -10  | -14  | -21  | dB |
| 1801...3000 | 1.0 $q_{Vmax}$ | -15                                                       | -13 | -6  | -9  | -6   | -5   | -8   | -14  | dB | -9                                                    | -6  | +1  | -2  | -5   | -11  | -13  | -18  | dB |



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