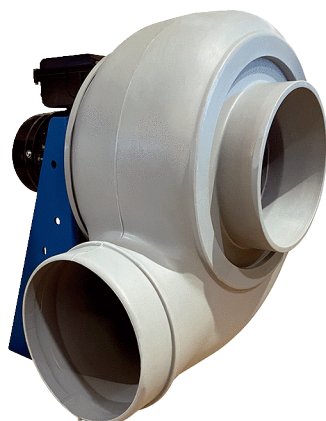


# GRK R 28/2 E



## Short description

Centrifugal blower made of plastic with round exhaust opening, size 280, single-phase AC, 2-pin

## Application examples

Industrial applications

Article number 0073.0507

## Technical data

|                                           |                         |
|-------------------------------------------|-------------------------|
| Air flow volume                           | 3.150 m <sup>3</sup> /h |
| Rotating speed                            | 2.880 1/min             |
| Impeller type                             | radial                  |
| Speed controllable                        | –                       |
| Reversing capacity                        | –                       |
| Type of voltage                           | Alternating current     |
| Rated voltage                             | 230 V                   |
| Frequency                                 | 50 Hz                   |
| Nominal output                            | 750 W                   |
| I <sub>nom</sub>                          | 4,6 A                   |
| Degree of protection                      | IP 55                   |
| Insulation class                          | F                       |
| Pole-changeable                           | –                       |
| Installation site                         | Duct connection         |
| Installation position                     | Horizontal              |
| Housing material                          | Plastic, polyethylene   |
| Impeller material                         | Plastic, polyethylene   |
| Colour                                    | Light grey              |
| Weight                                    | 33 kg                   |
| Weight including packaging                | 56 kg                   |
| Size                                      | 280                     |
| Width                                     | 470 mm                  |
| Height                                    | 560 mm                  |
| Depth                                     | 515 mm                  |
| Width with packaging                      | 1.200 mm                |
| Height with packaging                     | 800 mm                  |
| Depth with packaging                      | 710 mm                  |
| Airstream temperature at I <sub>Max</sub> | -15 °C up to 70 °C      |
| PTC DIN 44082                             | M 100                   |

# GRK R 28/2 E

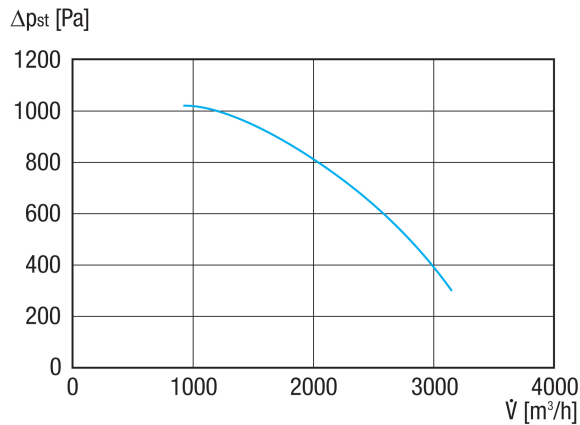
|              |               |
|--------------|---------------|
| Packing unit | 1 piece       |
| Range        | C             |
| GTIN (EAN)   | 4012799735076 |

## Sound power level in octave range

|                                        | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|----------------------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| <b>L<sub>WA5, S5</sub><br/>(dB(A))</b> | 61,8  | 73,9   | 79,4   | 85,8   | 85    | 81,2  | 73    | 62,9  | 90    |

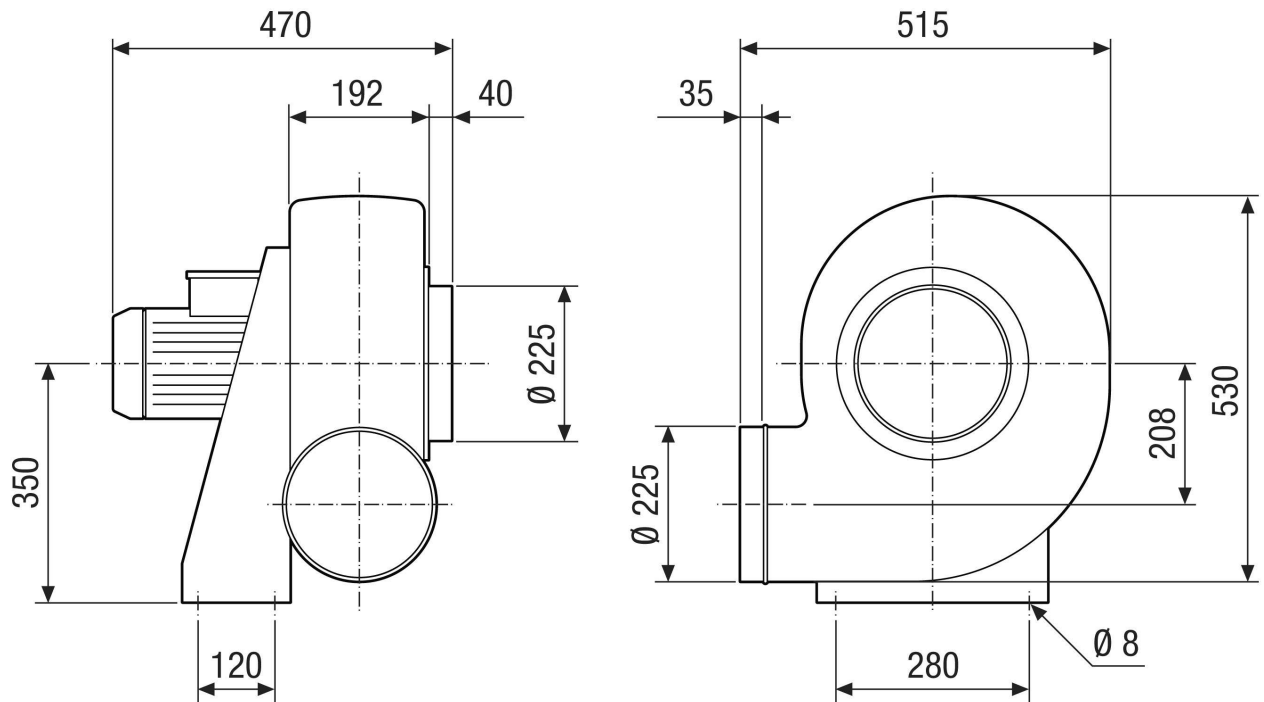
L<sub>WA5</sub>= free inlet sound power level in dB.

## Characteristic curve



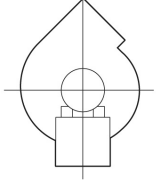
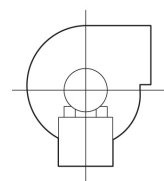
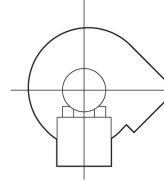
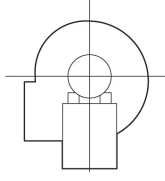
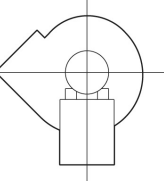
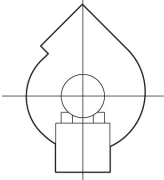
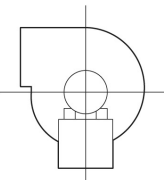
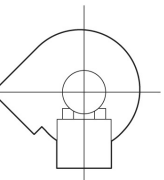
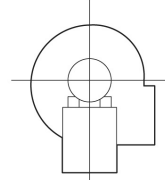
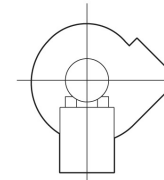
## GRK R 28/2 E

Dimensioned drawing [mm]



# GRK R 28/2 E

Dimensioned drawing Housing orientation [mm]

|   |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|---|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| ① |   |   |   |   |   |   |
|   | 0°                                                                                 | 45°                                                                                | 90°                                                                                | 135°                                                                                | 270°                                                                                 | 315°                                                                                 |
| ② |  |  |  |  |  |  |

① RD Right-hand version  
② LG Left-hand version  
The GRK 12/2 E and GRK 12/4 D variants are not available in right-hand version RD!  
The standard orientation is always LG 270°