

# DRD HT 50/6 2V



## Short description

Centrifugal roof fan for high temperatures, nominal power 0.45 kW/1.4 kW, three-phase AC with two speeds

## Application examples

Residential building, Industrial building, Commercial building

Article number 0073.0023

## Technical data

|   |                                  |
|---|----------------------------------|
| Air flow volume                           | 4.796 m³/h / 7.194 m³/h          |
| Rotating speed                            | 970 1/min / 1.460 1/min          |
| Impeller type                             | radial                           |
| Speed controllable                        | ✓                                |
| Reversing capacity                        | –                                |
| Type of voltage                           | Three-phase AC                   |
| Rated voltage                             | 400 V                            |
| Frequency                                 | 50 Hz                            |
| Nominal output                            | 450 W / 1.400 W                  |
| I <sub>nom</sub>                          | 1,43 A / 3,4 A                   |
| Degree of protection                      | IP 55                            |
| Insulation class                          | F                                |
| Pole-changeable                           | ✓                                |
| Installation site                         | Roof                             |
| Installation position                     | vertical                         |
| Housing material                          | Aluminium/galvanised sheet steel |
| Impeller material                         | Sheet steel, galvanised          |
| Colour                                    | Silver                           |
| Weight                                    | 60 kg                            |
| Weight including packaging                | 67,5 kg                          |
| Nominal size                              | 500 mm                           |
| Width                                     | 965 mm                           |
| Height                                    | 670 mm                           |
| Depth                                     | 965 mm                           |
| Width with packaging                      | 1.020 mm                         |
| Height with packaging                     | 755 mm                           |
| Depth with packaging                      | 1.020 mm                         |
| Airstream temperature at I <sub>Max</sub> | 65 °C up to 150 °C               |
| PTC DIN 44082                             | M 100                            |

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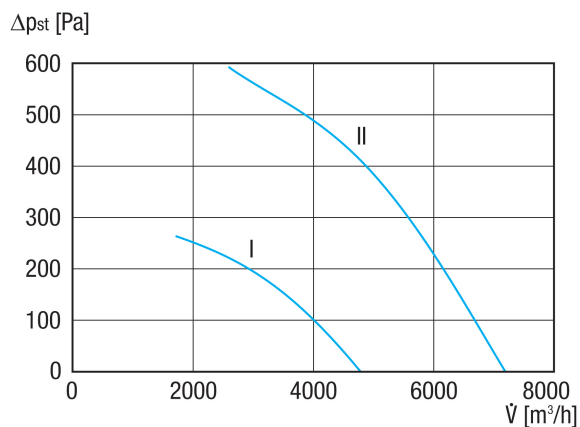
|              |               |
|--------------|---------------|
| Packing unit | 1 piece       |
| Range        | C             |
| GTIN (EAN)   | 4012799730231 |

## 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></b><br><b>(dB(A))</b> | 26    | 51     | 66     | 75     | 79    | 78    | 73    | 60    | 83    |

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

## Characteristic curve



I Characteristic curve for speed I  
 II Characteristic curve for speed II

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Dimensioned drawing [mm]

